

# **M-STAR SCHOOL EXPERT SYSTEM**

## **WEB SERVICES INTEGRATION METHODS FOR MOBILE APPS**

Prepared by  
MGRM Net Ltd, New Delhi

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URL for all methods : <http://202.137.229.96:8084/Service1.svc>

Sample Users Credentials :

| Sl. No. | Institute                   | User Type | OmVCard No   | Password | User Details                         |
|---------|-----------------------------|-----------|--------------|----------|--------------------------------------|
| 1       | Ahlcon International School | Student   | 999992495144 | M7P52AK9 | Class: VII-A<br>Name: ANANTA KASHYAP |
| 2       |                             | Student   | 999997392144 | M0S21YD9 | Class: _____<br>Name: YASH SHARMA    |
| 3       |                             | Student   | 999990648144 | M6H82AS4 | Name: ANAYA ARORA                    |
| 4       |                             | Employee  | 999995847144 | M1M70N04 | Name: NEENU GUPTA                    |
| 5       |                             | Employee  | 999989713144 | M9H30S01 | Name: SHALLU GUPTA                   |
| 6       |                             | Employee  | 999993039144 | M5090S03 | Name: SUJIT MISHRA                   |
| 7       |                             | Employee  | 999990883144 | M8031R08 | Name: ROHIT VERMA                    |
| 8       |                             | Employee  | 999993796144 | M8060A09 | Name: ANJU GUPTA                     |
| 9       | Bal Bharati Public School   | Student   | 999991841048 | M4A11AA4 | Class: IX-B<br>Name: ADVAITA RAZDAN  |
| 10      |                             | Student   | 999992290048 | M9U00DS9 | DEVESH RAMACHANDRAN                  |
| 11      |                             | Student   | 999997175048 | M1052A07 | Class: _____<br>Name: ANMOL PORWAL   |
| 12      |                             | Employee  | 999998945048 | M1052P04 | PARIMEETA KHANNA                     |
| 13      |                             | Employee  | 999995615048 | M6050R01 | RANI VAID                            |
| 14      |                             | Employee  | 999998954048 | M5040M05 | MEENA AGGARWAL                       |
| 15      |                             | Employee  | 999998990048 | M1002A09 | Name: ANITA PANDA                    |
| 16      |                             | Employee  | 999997539048 | M0092A03 | Name: ANANDA HALDER                  |

**Note: - Date Format for every APIs- (dd/MM/yyyy).**

Following are the methods of the Web Service that are to be used in order to integrate the Mobile App with M-Star School Expert System:

- 1) Mobile App Screen: Login (Display School Details for Login)
  - a) Method Name : GET\_API\_LOGIN
  - b) Purpose : To display the school name and logo on entering OmvCardNo.
  - c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits)
  - d) Return Type : Array List Type and String.
  - e) Message records : If in case records are fetched successfully, display record else message code.  
Ex – ‘001’or ‘004’
  - f) Output Field : SCHOOL\_NAME, ADDRESS1, ADDRESS2, CITY, PIN, WEBSITE, EMAIL, SCHOOL\_LOGO
  - g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LOGIN/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER](http://202.137.229.96:8084/Service1.svc/GET_API_LOGIN/?OMV_CARD_NUMBER=OMV_CARD_NUMBER)
  
- 2) Mobile App Screen: Login (Validate Login Details)
  - a) Method Name : GET\_AUTHENTICATE\_USER\_SignIN
  - b) Purpose : To validate User credential
  - c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digit.), Password
  - d) Return Type : Boolean and String.
  - e) Output Field : True or False and USER\_TYPE
  - f) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_AUTHENTICATE\\_USER\\_SignIN/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&Password=Password](http://202.137.229.96:8084/Service1.svc/GET_AUTHENTICATE_USER_SignIN/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&Password=Password)
  
- 3) Mobile App Screen: All (ACADEMIC YEAR)
  - a) Method Name : GET\_API\_ACADEMIC\_YEAR
  - b) Purpose : To displaythe academic year of school.
  - c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits)
  - d) Return Type : Array List Type.
  - e) Message records : If in case records are fetched successfully, display record else message code.
  - f) Output Field : ACAD\_YR, DATE\_FROM, DATE\_TO
  - URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_ACADEMIC\\_YEAR/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER](http://202.137.229.96:8084/Service1.svc/GET_API_ACADEMIC_YEAR/?OMV_CARD_NUMBER=OMV_CARD_NUMBER)
  
- 4) Mobile App Screen: My Profile Details (Student)
  - a) Method Name : GET\_API\_USER\_PROFILE
  - b) Purpose : To display the student information
  - c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits)
  - d) Return Type : Array List Type and String.

- e) Message records : If in case records are fetched successfully, display record else message code.
- f) Output Field : USER\_TYPE, STUDENT\_ID, ACAD\_ID, CLASS\_ID, ACAD\_YR, SECTION\_ID, SESSION\_ID, CLASS\_SECTION\_ID, OMV\_CARD\_NUMBER, OMV\_ROLE, SCHOOL\_NAME, SCHOOL\_ADDRESS, ADMISSION\_NO, ADMISSION\_DATE, CLASS\_NAME, SECTION\_NAME, DATE\_OF\_BIRTH, ROLL\_NO, AADHAR\_NO, GENDER, BLOOD\_GROUP, SOCIAL\_CLASS, SPECIAL\_CATEGORY, RELIGION, HOUSE\_NAME, RELATIVE\_NAME, RELATION\_TYPE, FEE\_CATEGORY, DATE\_FROM, DATE\_TO, SCHOLAR\_NAME, SCHOLAR\_APPLIED\_DATE
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_USER\\_PROFILE?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER](http://202.137.229.96:8084/Service1.svc/GET_API_USER_PROFILE?OMV_CARD_NUMBER=OMV_CARD_NUMBER)

5) Mobile App Screen: My Profile Details (Employee)

- a) Method Name : GET\_API\_USER\_PROFILE
- b) Purpose : To display the employee information
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits)
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : EMPLOYEE\_ID,EMPLOYEE\_NO, USER\_TYPE, NAME\_FIRST, NAME\_LAST, FATHER\_NAME, SPOUSE\_NAME, DATE\_OF\_BIRTH, BLOOD\_GROUP, RELIGION, SPECIAL\_CATEGORY, GENDER, ADDRESS1, ADDRESS2, POBOX, CITY, STATE, COUNTRY, DATE\_OF\_JOINING, DEPARTMENT\_NAME, DESIGNATION, MAIL, AADHAR\_NO, TEL1, TEL2, MOBILE1, MOBILE2, USER\_IMAGE
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_USER\\_PROFILE?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER](http://202.137.229.96:8084/Service1.svc/GET_API_USER_PROFILE?OMV_CARD_NUMBER=OMV_CARD_NUMBER)

6) Mobile App Screen: Holiday List (Student)

- a) Method Name : GET\_API\_HOLIDAY\_LIST
- b) Purpose : To display the student holiday list.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_TYPE, ACAD\_ID, ACAD\_YR, HOLIDAY\_DESC, CLASS\_SECTION\_ID, CLASS\_SECTION\_NAME, SESSION\_ID, SESSION\_NAME, DATE\_FROM, DATE\_TO
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_HOLIDAY\\_LIST?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_HOLIDAY_LIST?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999992495144 - ACAD\_YR – 2018-2019  
OMV\_CARD\_NUMBER = 999991841048- ACAD\_YR – 2018-2019  
OMV\_CARD\_NUMBER = 999991841048 - ACAD\_YR – 2017-2018

7) Mobile App Screen: Holiday List (Employee)

- a) Method Name : GET\_API\_HOLIDAY\_LIST
- b) Purpose : To display the employee holiday list.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits)
- d) Return Type : Array List Typeand String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_TYPE, ACAD\_ID, ACAD\_YR, HOLIDAY\_DESC, STAFF\_TYPE, APPLICABLE\_TO, DATE\_FROM, DATE\_TO

g) URL :

[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_HOLIDAY\\_LIST?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_HOLIDAY_LIST?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

- h) Input Sample : OMV\_CARD\_NUMBER = 999995847144 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999998990048- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999998990048- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999998990048 - ACAD\_YR – 2017-2018

8) Mobile App Screen: Attendance Info (Student)

- a) Method Name : GET\_API\_USER\_ATTENDENCE\_INFO
- b) Purpose : To display the student attendancerecords.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH(Ex. – APRIL)
- d) Return Type : Array List Typeand String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_TYPE, ACAD\_ID, ACAD\_YR, STUDENT\_ID, OMV\_CARD\_NUMBER, SCHOOL\_ADM\_NO, ROLL\_NO, SESSION\_ID, SESSION\_NAME, CLASS\_ID, CLASS\_NAME, SECTION\_ID, SECTION\_NAME, CLASS\_SECTION\_ID, CLASS\_SECTION, STUDENT\_NAME, ATTENDANCE\_DATE, ATTENDANCE\_METHOD, ATTENDANCE\_STATUS, REMARKS, ADM\_DATE, ATTEND\_NO, ATTEND\_DAY\_COUNT

g) URL :

[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_USER\\_ATTENDENCE\\_INFO/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_USER_ATTENDENCE_INFO/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)

- h) Input Sample : OMV\_CARD\_NUMBER = 999992495144, ACAD\_YR – 2018-2019, MONTH- MAY  
 OMV\_CARD\_NUMBER = 999991841048 - ACAD\_YR – 2018-2019, MONTH - MAY  
 OMV\_CARD\_NUMBER = 999991841048 - ACAD\_YR – 2017-2018, MONTH - MAY

9) Mobile App Screen: Attendance Info - LATE\_COMING (Employee)

- a) Method Name : GET\_API\_LATE\_COMING
- b) Purpose : To display the employee late coming records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH

- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : EMPLOYEE\_ID, EMPLOYEE\_NAME, DATE\_ATTEND, DEFINED\_IN\_TIME, IN\_TIME, OUT\_TIME, DIFF\_MINUTES
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LATE\\_COMING/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_LATE_COMING/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)
- h) Input Sample :   
OMV\_CARD\_NUMBER = 999998945048 - ACAD\_YR – 2017-2018 – MONTH = AUGUST

10) Mobile App Screen: Attendance Info - EARLY\_LEAVING (Employee)

- a) Method Name : GET\_API\_EARLY\_LEAVING
- b) Purpose : To display the employee early leaving records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : EMPLOYEE\_ID, EMPLOYEE\_NAME, DATE\_ATTEND, DEFINED\_OUT\_TIME, IN\_TIME, OUT\_TIME, DIFF\_MINUTES
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_EARLY\\_LEAVING/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_EARLY_LEAVING/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)
- h) Input Sample :   
OMV\_CARD\_NUMBER = 999998945048 - ACAD\_YR – 2017-2018 – MONTH = AUGUST

11) Mobile App Screen: Attendance Info (Employee)

- a) Method Name : GET\_API\_EMP\_ATTENDENCE\_INFO
- b) Purpose : To display the employee attendance records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR,MONTH(Ex. – APRIL)
- d) Return Type : Array List Typeand String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_TYPE, ACAD\_ID, ACAD\_YR, EMPLOYEE\_ID, NAME\_FIRST, NAME\_LAST, ATTEND\_TYPE, DATE\_ATTEND, ATN\_STATUS, GET\_API\_OD\_APPROVAL\_STATUS: [   
{   
EMPLOYEE\_ID, ONDUTY\_ID, ASSIGNED\_BY, ONDUTY\_CODE, ONDUTY\_DATE\_FROM, ONDUTY\_DATE\_TO, ONDUTY\_PURPOSE, ONDUTY\_STATUS, CO\_ALLOWED, CO\_VALID\_TILL, CO\_ALLOWED\_DAYS, ONDUTY\_ASSIGN\_DATE



```

    ]]
    GET_API_COMP_OFF_DETAILS:[
    {
    EMPLOYEE_ID, DATE_APPLIED, COMP_OFF_IN_LIEU_OF,
    COMP_OFF_HOL_OT, DURATION_HOURS, REASON_OF_COMING,
    DATE_FROM, DATE_TO, APPROVED_DATE, APPROVED_DAYS,
    COMPOFF_APPROVAL_STATUS
    ]]
    GET_API_LATE_COMING: [
    {
    EMPLOYEE_ID, EMPLOYEE_NAME, DATE_ATTEND, DEFINED_IN_TIME,
    IN_TIME, OUT_TIME, DIFF_MINUTES
    ]]
    GET_API_EARLY_LEAVING: [
    {
    EMPLOYEE_ID, EMPLOYEE_NAME, DATE_ATTEND, DEFINED_OUT_TIME,
    IN_TIME, OUT_TIME, DIFF_MINUTES
    ]]
    GET_API_LEAVE_APPLICATION: [
    {
    EMPLOYEE_ID, EMPLOYEE_NO, EMPLOYEE_NAME, DEPARTMENT,
    LEAVE_APPLIED, LEAVE_FROM, LEAVE_TO, REASON, TYPE_OF_LEAVE,
    SANCTIONED, SANCTION_DATE, STATUS, NO_OF_DAYS
    ]]
    GET_API_LEAVE_BALANCE: [
    {
    EMPLOYEE_ID, EMPLOYEE_NO, EMPLOYEE_NAME, DEPARTMENT_NAME,
    DATE_OF_JOINING, EMPLOYMENT_TYP, DESIG, HEADER, LEAVE_TYP,
    DAYS_NO
    ]]

```

- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_EMP\\_ATTENDENCE\\_INFO/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YRMONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_EMP_ATTENDENCE_INFO/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YRMONTH=MONTH)
- h) Input Sample : OMV\_CARD\_NUMBER = 999995847144, ACAD\_YR – 2018-2019, MONTH- MAY  
 OMV\_CARD\_NUMBER = 999998990048, ACAD\_YR – 2018-2019,MONTH- MAY  
 OMV\_CARD\_NUMBER = 999998990048 - ACAD\_YR – 2017-2018,MONTH- MAY

12) Mobile App Screen: Library Info (Student)

- a) Method Name : GET\_API\_LIBRARY\_STATUS
- b) Purpose : To display the studentlibrary records.

- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_ID, MEMBER\_NAME, FACILITY\_ID\_NO, LIBRARY\_NAME, ACCESSION\_NO, MEDIA\_CATEGORY\_NAME, AUTHOR\_NAME, TITLE, PUBLISHER\_NAME, MEMBER\_CATEGORY, MEMBER\_ID, ISSUE\_DATE, DUE\_RETURN\_DATE, ACTUAL\_RETURN\_DATE, LATE\_BY\_DAYS, STATUS
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LIBRARY\\_STATUS/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_LIBRARY_STATUS/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999990016144- ACAD\_YR – 2018-2019  
OMV\_CARD\_NUMBER = 999990016144 - ACAD\_YR – 2017-2018  
OMV\_CARD\_NUMBER = 999992126048 - ACAD\_YR – 2017-2018

13) Mobile App Screen: Library Info (Employee)

- a) Method Name : GET\_API\_LIBRARY\_STATUS
- b) Purpose : To display the employee library records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : USER\_ID, MEMBER\_NAME, FACILITY\_ID\_NO, LIBRARY\_NAME, ACCESSION\_NO, MEDIA\_CATEGORY\_NAME, AUTHOR\_NAME, TITLE, PUBLISHER\_NAME, MEMBER\_CATEGORY, MEMBER\_ID, ISSUE\_DATE, DUE\_RETURN\_DATE, ACTUAL\_RETURN\_DATE, LATE\_BY\_DAYS, STATUS
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LIBRARY\\_STATUS/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_LIBRARY_STATUS/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999998954048- ACAD\_YR – 2018-2019  
OMV\_CARD\_NUMBER = 999998954048- ACAD\_YR – 2017-2018  
OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2017-2018

14) Mobile App Screen: Transport Info (Student)

- a) Method Name : GET\_API\_TRANSPORT\_INFORMATION
- b) Purpose : To display the studenttransport information records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type, Object and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : ACAD\_YR, SESSION\_NAME, OMV\_CARD\_NUMBER, STUDENT\_NAME, SCHOOL\_ADM\_NO, PARENT\_NAME, MOBILE1, MOBILE2, ROUTE\_NO, BUS\_STOP\_NAME, EMPLOYEE\_ID, BUS\_INCHARGE\_NAME, CLASS\_SECTION, ROUTE\_ID, BUS\_STOP\_ID, SESSION\_ID, ACAD\_ID,

CLASS\_SECTION\_ID, JOURNEY\_TYPE, ON\_TIME\_FROM, GARAGE\_NAME,  
 HOSPITAL\_NAME, HOSPITAL\_ADDRESS, HOSPITAL\_PHONE,  
 HOSPITAL\_CONTACT\_PERSON, VEHICLE\_TYPE, LICENSE\_PLATE\_NO

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_TRANSPORT\\_INFORMATION/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_TRANSPORT_INFORMATION/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

15) Mobile App Screen: Transport Info(Employee)

- a) Method Name : GET\_API\_EMPLOYEE\_TRANS\_ALLOCATION
- b) Purpose : To display the transport information.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH
- d) Return Type : Array List Type Object and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : USER\_ID, USER\_NAME, ROUTE\_NO\_ONWARD,  
 BUS\_STOP\_NAME\_ONWARD, ROUTE\_NO\_RETURN,  
 BUS\_STOP\_NAME\_RETURN, START\_DATE, CONTACT\_NO,  
 LICENSE\_PLATE\_NO, MOBILE\_NO, PROVIDER, DRIVER\_NAME,  
 HELPER\_NAME, ROUTE\_NO, ROUTE\_ID, INCHARGE\_BUS\_STOP,  
 INCHARGE\_NAME, GARAGE\_NAME, HOSPITAL\_NAME, HOSPITAL\_ADDRESS,  
 HOSPITAL\_PHONE, HOSPITAL\_CONTACT\_PERSON

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_EMPLOYEE\\_TRANS\\_ALLOCATION/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_EMPLOYEE_TRANS_ALLOCATION/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

h) Input Sample : OMV\_CARD\_NUMBER = 999993582144- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999993582144- ACAD\_YR – 2017-2018

16) Mobile App Screen: Student Health Info (Student)

- a) Method Name : GET\_API\_STUDENT\_HEALTH\_PRC
- b) Purpose : To display the student health records.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String.
- e) Message records : If in case records are fetched successfully, display record else no records.
- f) Output Field : ACAD\_ID, SESSION\_ID, CLASS\_ID, SECTION\_ID, STUDENT\_ID, ADM\_NO,  
 STUDENT\_NAME, LAST\_CHECKED\_DATE, CHEST, WEIGHT, HEIGHT,  
 EYE\_RIGHT, EYE\_LEFT, DENTAL\_STATUS, VACCN, SLEEP\_PATTERN,  
 CURRENT\_MEDICATION, REMARKS, CLASS, SESSION\_NAME, ACAD\_YR,  
 CHECKED\_BY, ALLERGY, POST\_FAMILY\_HISTORY, NAILS, HAIR, SKIN,  
 ANEMIA, RIGHT\_EAR, NOSE, THROAT, NECK, TOOTH\_CAVITY, PLAQUE,

GUM\_INFLAMMATION, STAINS, TARTER, BAD\_BREATH, GUM\_BLEEDING, SOFT\_TISSUE, RIGHT\_EAR\_TYPE, LEFT\_EAR, LEFT\_EAR\_TYPE, BMI, BP\_SYSTOLIC, BP\_DIASTOLIC, PULS\_SYSTOLIC, PULS\_DIASTOLIC, COLOUR, SYSTEMIC\_EXIMINATION, GENERAL\_APPEARANCE, LYMPH\_NODES, TEETH\_OCCLUSION, CARIES, CARDIO\_VASCULAR\_SYSTEM, ABDOMEN, NERVOUS\_SYSTEM, IMPORTANT\_FINDING, SE\_REMARKS, MEDICAL\_OFFICER\_NAME, FOLLOW\_UP, MEDICAL\_FINDING\_ADVICE

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_STUDENT\\_HEALTH\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_STUDENT_HEALTH_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

17) Mobile App Screen: Class Section List Info (Employee)

a) Method Name : GET\_API\_CLASS\_SECTION\_LIST  
 b) Purpose : To select the class section for marking class attendance for the selected date  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message code.  
 f) Output Field : ACAD\_ID, ACAD\_YR, SESSION\_NAME, SESSION\_ID, CLASS\_NAME, CLASS\_ID, SECTION\_ID, SECTION\_NAME, CLASS\_SECTION\_ID, CLASS\_SECTION\_NAME

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_CLASS\\_SECTION\\_LIST/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_CLASS_SECTION_LIST/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

h) Input Sample : OMV\_CARD\_NUMBER = 999998954048 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999998954048 - ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2017-2018

18) Mobile App Screen: Student List (Employee)

a) Method Name : GET\_API\_STUDENT\_LIST  
 b) Purpose : To display the list of students in a class section for marking class attendance for the selected date.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, CLASS\_SECTION\_ID  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message code.  
 f) Output Field : STUDENT\_ID, ROLL\_NO, STUDENT\_NAME,

```

ATN_STATUS_RULE: [
{
  ATN_STATUS,
  ATN_STATUS_SHORT_NAME
}
]
    
```

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_STUDENT\\_LIST?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&CLASS\\_SECTION\\_ID=CLASS\\_SECTION\\_ID](http://202.137.229.96:8084/Service1.svc/GET_API_STUDENT_LIST?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&CLASS_SECTION_ID=CLASS_SECTION_ID)

h) Input Sample : OMV\_CARD\_NUMBER = 999998954048 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999998954048 - ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2017-2018

19) Mobile App Screen: Attendance Marking for Student (Employee)

a) Method Name : POST\_API\_MARK\_ATTENDANCE\_PRC

b) Purpose : To upload the marking class attendance for the selected date.

c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, P\_ACAD\_ID (Numeric – [GET\\_API\\_CLASS\\_SECTION\\_LIST: ACAD ID](#)), P\_SESSION\_ID (Numeric - [GET\\_API\\_CLASS\\_SECTION\\_LIST: SESSION ID](#)), P\_CLASS\_SECTION\_ID ([GET\\_API\\_CLASS\\_SECTION\\_LIST: CLASS\\_SECTION ID](#)), P\_ATTEND\_DATE (Date – DD-MMM-YYYY), P\_HALFDAY\_FLAG (String (1) – M or E, M: Morning, E: Evening), P\_USER\_ID ([GET\\_API\\_USER\\_PROFILE: EMPLOYEE ID](#)), P\_STUDENT\_ID (String –[GET\\_API\\_STUDENT\\_LIST: STUDENT ID](#)-Status) Status- [GET\\_API\\_STUDENT\\_LIST: ATN STATUS SHORT NAME](#)  
 Ex. - '1024-A, 2753-P, 4582-L,, , '

d) Return Type : String

e) Message records : If in case record is saved/updated successfully, the display return message.

f) URL : [http://202.137.229.96:8084/Service1.svc/POST\\_API\\_MARK\\_ATTENDANCE\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&P\\_ACAD\\_ID=P\\_ACAD\\_ID&P\\_SESSION\\_ID=P\\_SESSION\\_ID&P\\_CLASS\\_SECTION\\_ID=P\\_CLASS\\_SECTION\\_ID&P\\_ATTEND\\_DATE=P\\_ATTEND\\_DATE&P\\_HALFDAY\\_FLAG=P\\_HALFDAY\\_FLAG&P\\_USER\\_ID=P\\_USER\\_ID&P\\_STUDENT\\_ID=P\\_STUDENT\\_ID](http://202.137.229.96:8084/Service1.svc/POST_API_MARK_ATTENDANCE_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&P_ACAD_ID=P_ACAD_ID&P_SESSION_ID=P_SESSION_ID&P_CLASS_SECTION_ID=P_CLASS_SECTION_ID&P_ATTEND_DATE=P_ATTEND_DATE&P_HALFDAY_FLAG=P_HALFDAY_FLAG&P_USER_ID=P_USER_ID&P_STUDENT_ID=P_STUDENT_ID)

20) Mobile App Screen: Fee Status - Installment Number (Student)

a) Method Name : GET\_API\_FEE\_INSTALLMENT\_NO

b) Purpose : To display the fee pay schedule history.

c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR

d) Return Type : Array List Type and String

e) Message records : If in case records are fetched successfully, display record else message.

f) Output Field : INSTALLMENT\_NO

- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_FEE\\_INSTALLMENT\\_NO/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_FEE_INSTALLMENT_NO/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample :
  - OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018
  - OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019
  - OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

21) Mobile App Screen: Fee Status– Payable Amount / Installment Details (Student)

- a) Method Name : GET\_API\_FEE\_PAY\_SCHEDULE\_HISTORY
- b) Purpose : To display the fee pay schedule history.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, [INSTALLMENT\\_NO](#) (int)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : ACAD\_YR, ADM\_NO, STUDENT\_ID, STUD\_NAME, CLASS\_NAME, SECTION\_NAME, SESSION\_NAME, INSTALLMENT\_NO, FEE\_HEADS, FEE\_DESC, FEE\_HEAD\_AMT, INSTALLMENT\_NO, FIRST\_DATE\_FROM, FIRST\_DATE\_TO, SECOND\_DUE\_DATE, SESSION\_ID, CLASS\_SECTION\_ID, ROLL\_NO, DISCOUNTCAT, SCHOLAR\_NAME, AMOUNT\_DUE, AMOUNT\_PAID, BALANCE\_AMOUNT
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_FEE\\_PAY\\_SCHEDULE\\_HISTORY/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&INSTALLMENT\\_NO=INSTALLMENT\\_NO](http://202.137.229.96:8084/Service1.svc/GET_API_FEE_PAY_SCHEDULE_HISTORY/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&INSTALLMENT_NO=INSTALLMENT_NO)
- h) Input Sample :
  - OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018 - INSTALLMENT\_NO - 1
  - OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019 - INSTALLMENT\_NO - 1
  - OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018 - INSTALLMENT\_NO - 1

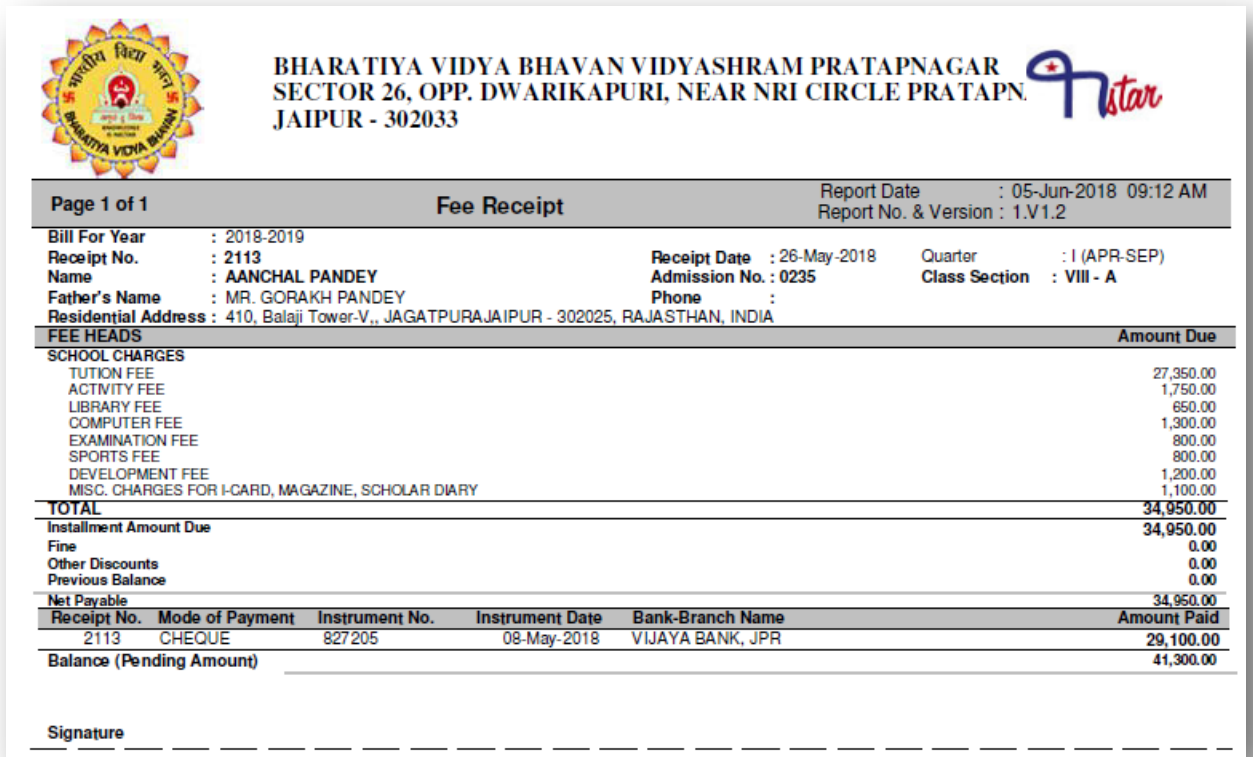
22) Mobile App Screen: Fee Status Information (Student)

- a) Method Name : GET\_API\_STUD\_FEE\_PAY\_INFORMATION
- b) Purpose : To display the fee payment history.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, [INSTALLMENT\\_NO](#) (int)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : ACAD\_YR, ADM\_NO, STUDENT\_ID, STUD\_NAME, CLASS\_NAME, SECTION\_NAME, FEE\_HEADS, ADDRESS, PHONE, RECEIPT\_ID, RECEIPT\_NO, FEE\_DESC, AMT\_TO\_PAY, RECEIPT\_DATE, INSTALLMENT\_NO, FINE\_AMT, FEE\_DISC\_AMT, MISC\_DISC\_AMT, FEE\_SCHOLAR\_AMT, FEE\_AMT\_DUE, PREVIOUS\_BALANCE, INST\_AMT\_DUE, INST\_AMT\_BAL, INST\_AMT\_BAL\_TYPE, FNAME, FEE\_HEAD\_ORDER,

FEE\_PRINTABLE\_NAME\_RECEIPT, FEE\_GROUP\_TYPE, RECEIPT\_COPY,  
INST\_REMARS, MISC\_DISC\_REMARKS, TOTALINSTALLMENT\_NO

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_STUD\\_FEE\\_PAY\\_INFORMATION/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&INSTALLMENT\\_NO=INSTALLMENT\\_NO](http://202.137.229.96:8084/Service1.svc/GET_API_STUD_FEE_PAY_INFORMATION/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&INSTALLMENT_NO=INSTALLMENT_NO)

h) Input Sample :  
 OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018 - INSTALLMENT\_NO - 1  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019 - INSTALLMENT\_NO - 1  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018 - INSTALLMENT\_NO - 1



i) Fig. 1. Fee Receipt sample of a student for downloading in pdf format by respective parents

23) Mobile App Screen: Time Table (Employee)

- a) Method Name : GET\_API\_MY\_TIME\_TABLE\_PRC
- b) Purpose : To display the employee time table.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, DAY (EX:- Monday)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : DAY, SUBJECT\_NAME, TIME\_FROM, TIME\_TO, CLASS\_SECTION
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_MY\\_TIME\\_TABLE\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_MY_TIME_TABLE_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

- h) Input Sample : OMV\_CARD\_NUMBER = 999995615048- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999995615048- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2017-2018

24) Mobile App Screen: Time Table (Student)

- a) Method Name : GET\_API\_MY\_TIME\_TABLE\_PRC
- b) Purpose : To display the student time table.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, DAY (EX:- Monday)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : DAY, SUBJECT\_NAME, TIME\_FROM, TIME\_TO, SUBJECT\_TEACHER, CLASS\_SECTION
- g) URL :  
[http://202.137.229.96:8084/Service1.SVC/GET\\_API\\_MY\\_TIME\\_TABLE\\_PRC?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.SVC/GET_API_MY_TIME_TABLE_PRC?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

25) Mobile App Screen: Exam Schedule (Student)

- a) Method Name : GET\_API\_EXAM\_SCHEDULE\_PRC
- b) Purpose : To display the student of exam schedule.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : ACAD\_ID, ACAD\_YR, EXAM\_ID, EXAM\_DESC, EXAM\_SCH\_ID, EXAM\_SCHEDULE
- g) URL :  
[http://202.137.229.96:8084/Service1.SVC/GET\\_API\\_EXAM\\_SCHEDULE\\_PRC?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.SVC/GET_API_EXAM_SCHEDULE_PRC?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

26) Mobile App Screen: My Pay Slip (Employee)

- a) Method Name : GET\_API\_EMPLOYEE\_SALARYSLIP\_PRC
- b) Purpose : To display the employee pay slip.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, YEAR(Int), MONTH(Int)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : MONTHTXT, YEARNUM, EMPLOYEE\_ID, ENAME, EMPLOYEE\_NO, DESG,



BANK\_ACCOUNT, ETYPE, ESI\_NO, MPF, UNIVERSAL\_ACCOUNT\_NO,  
 DEPARTMENT\_NAME, FATHER\_NAME, PAN\_NO, PAY\_BASIC, PAY\_HRA,  
 ARRBASIC, ARRHRA, ARRPF, ARRESI, PF\_AMT, ESI\_AMT, PRESENT\_DAYS,  
 ADJUST\_DAYS, CL, PL, SL, OT, PAYABLE\_DAYS, TOTAL\_TDS,  
 BALANCE\_LOAN, LOAN, LOCATION\_NAME, LOCATION\_ID,

```
GET_PAYSLIP_ALLOWANCES: [
    {
        ALLOW_DED,
        ALLOW_DEDU_CODE,
        ALLOW_DEDU_VALUE,
        ARREAR_AMOUNT,
        EMPLOYEE_ID,
        HEAD_ORDER,
        PAYSLIP_DESC,
        PAY_AMOUNT,
        PAY_SUBHEAD_SHORT_NAME,
        SR_NO,
    }
    TOTAL_ALLOWANCE
}
```

```
GET_PAYSLIP_DEDUCTIONS": [
    {
        ALLOW_DEDU_CODE,
        ALLOW_DEDU_VALUE,
        ARREAR_AMOUNT,
        EMPLOYEE_ID,
        HEAD_ORDER,
        PAYSLIP_DESC
    }
}
```

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_EMPLOYEE\\_SALARYSLIP\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&YEAR=YEAR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_EMPLOYEE_SALARYSLIP_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&YEAR=YEAR&MONTH=MONTH)

h) Input Sample : OMV\_CARD\_NUMBER = 999995615048- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999989713144 - ACAD\_YR – 2017-2018

|   |                  |                  |                             |   |                  |                           |       |                  |
|---|------------------|------------------|-----------------------------|---|------------------|---------------------------|-------|------------------|
| <b>SCHOOL NAME</b><br><b>ADDRESS</b><br><b>CITY</b> |                  |                  |                             |   |                  |                           |       |                  |
|   |                  |                  |                             | <b>Pay Slip For the Month of OCT-2013</b> |                  |                           |       |                  |
| <b>Name : MUKTA V GUPTA</b>                         |                  |                  | <b>Designation : P.G.T.</b> |   |                  | <b>Employee No. : 206</b> |       |                  |
| <b>EARNINGS (A)</b>                                 |                  |                  | <b>DEDUCTIONS (B)</b>       |   |                  | <b>ATTENDANCE</b>         |       |                  |
| <b>Heads</b>  | <b>Amount</b>    | <b>Arrears</b>   | <b>Heads</b>                | <b>Amount</b>                             | <b>Arrears</b>   | <b>LEAVE HEADS</b>        |       | <b>Arrears</b>   |
| Basic   | 21,270.00        |                  | PF                          | 6,081.00                                  | 924.00           | Days Attended             | 31.00 |                  |
| GP  | 5,400.00         |                  | ITAX                        | 8,800.00                                  |                  | Casual Leave (CL)         | 0.00  |                  |
| DA  | 24,003.00        | 7,698.00         | GSLI                        | 48.75                                     |                  | Earned Leaves (EL)        | 0.00  |                  |
| HRA   | 8,001.00         |                  |                             |   |                  | Medical Leave (ML)        | 0.00  |                  |
| TPTA  | 3,200.00         |                  |                             |   |                  | MTL/PTL/ATL               | 0.00  |                  |
| TPTP  | 2,880.00         | 923.00           |                             |   |                  | Payable Days              | 31.00 |                  |
|   |                  |                  |                             |   |                  | Leave W/o Pay             | 0.00  |                  |
|   | <b>64,754.00</b> | <b>8,621.00</b>  |                             | <b>14,929.75</b>                          | <b>924.00</b>    |                           |       |                  |
| <b>Gross Earnings</b>                               |                  |                  | <b>Total Deductions</b>     |   |                  | <b>Net Salary</b>         |       |                  |
|   |                  | <b>73,375.00</b> |                             |   | <b>15,853.75</b> |                           |       | <b>57,521.25</b> |
|   |                  |                  |                             |   |                  |                           |       | <b>Signature</b> |

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Fig. 1. Monthly Payslipsample of an employee for downloading in pdf format by respective employees

27) Mobile App Screen: Events and Awards (Student)

- a) Method Name : GET\_API\_STUD\_AWARD\_LIST
- b) Purpose : To display the events and awards of student.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : AWARD\_DATE, AWARD\_TYPE, AWARD\_NAME, LEVEL\_OF\_COMPETITION, NAME\_OF\_EVENT, VENUE, GUEST\_OF\_HONOUR, USER\_TYPE, USER\_ID, STUDENT\_NAME, CLASS\_SECTION, SESSION\_NAME, ACAD\_YR, ROLL\_NO, ACAD\_ID, SESSION\_ID, CLASS\_SECTION\_ID
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_STUD\\_AWARD\\_LIST/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_STUD_AWARD_LIST/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

28) Mobile App Screen: School Details (Student)

- a) Method Name : GET\_API\_SCHOOL\_INFORMATION
- b) Purpose : To display the School details of student.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Object and String
- e) Message records : If in case records are fetched successfully, display record else message.

f) Output Field : SCHOOL\_ID, SCHOOL\_NAME, PRINCIPAL\_NAME, MANAGEMENT\_TYPE, MEDIUM, BOARD, SCHOOL\_ESTD\_YEAR, ADDRESS1, ADDRESS2, CITY, STATE, COUNTRY, TELEPHONE1, TELEPHONE2, WEBSITE, EMAIL, PIN

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_SCHOOL\\_INFORMATION/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_SCHOOL_INFORMATION/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

h) Input Sample : OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999990648144- ACAD\_YR – 2017-2018  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2018-2019  
 OMV\_CARD\_NUMBER = 999992290048 - ACAD\_YR – 2017-2018

29) Mobile App Screen: My Results (Student)

a) Method Name : GET\_API\_MYRESULT\_PRC  
 b) Purpose : To display the results of student.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message.  
 f) Output Field : ACAD\_ID, SESSION\_ID, CLASS\_SECTION\_ID, CLASS\_ID, CLASS\_NAME, SECTION\_ID, SECTION\_NAME, STUDENT\_ID, SCHOOL\_ADM\_NO, STUDENT\_NAME, EXAM\_ID, EXAM\_NAME, ACTIVITY\_ID, SUBJECT\_NAME, MAX\_MARKS, PASS\_MARKS, MARKS\_SECURED, GRADE, REPORT\_DISPLAY, PUBLISH\_RESULT, EXAM\_WEIGHTAGE, SUBJECT\_WEIGHTAGE, EXAM\_PRINTABLE

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_MYRESULT\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_MYRESULT_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)

30) Mobile App Screen: Push Notification (OD Approval Status - Employee)

a) Method Name : GET\_API\_OD\_APPROVAL\_STATUS  
 b) Purpose : To display the Out Duty approval status of employee.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message.  
 f) Output Field : EMPLOYEE\_ID, ONDUTY\_ID, ASSIGNED\_BY, ONDUTY\_CODE, ONDUTY\_DATE\_FROM, ONDUTY\_DATE\_TO, ONDUTY\_PURPOSE, ONDUTY\_STATUS, CO\_ALLOWED, CO\_VALID\_TILL, CO\_ALLOWED\_DAYS, ONDUTY\_ASSIGN\_DATE

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_OD\\_APPROVAL\\_STATUS/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_OD_APPROVAL_STATUS/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)

h) Input Sample :  
 OMV\_CARD\_NUMBER = 999998945048- ACAD\_YR – 2017-2018 - MONTH=NOVEMBER

31) Mobile App Screen: Push Notification (Comp off - Employee)

a) Method Name : GET\_API\_COMP\_OFF\_DETAILS  
 b) Purpose : To display the comp off of employee.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message.  
 f) Output Field : EMPLOYEE\_ID, DATE\_APPLIED, COMP\_OFF\_IN\_LIEU\_OF, COMP\_OFF\_HOL\_OT, DURATION\_HOURS, REASON\_OF\_COMING, DATE\_FROM, DATE\_TO, APPROVED\_DATE, APPROVED\_DAYS, COMPOFF\_APPROVAL\_STATUS

g) URL :  
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_COMP\\_OFF\\_DETAILS/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_COMP_OFF_DETAILS/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)

h) Input Sample :  
 OMV\_CARD\_NUMBER = 999998945048- ACAD\_YR – 2017-2018 – MONTH=AUGUST

32) Mobile App Screen: Push Notification (Leave Application - Employee)

a) Method Name : GET\_API\_LEAVE\_APPLICATION  
 b) Purpose : To display the leave application of employee.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH  
 d) Return Type : Array List Type and String  
 e) Message records : If in case records are fetched successfully, display record else message.  
 f) Output Field : EMPLOYEE\_ID, EMPLOYEE\_NO, EMPLOYEE\_NAME, DEPARTMENT, LEAVE\_APPLIED, LEAVE\_FROM, LEAVE\_TO, REASON, TYPE\_OF\_LEAVE, SANCTIONED, SANCTION\_DATE, STATUS, NO\_OF\_DAYS, LEAVE\_DED\_TYPE

g) URL :  
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LEAVE\\_APPLICATION/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&MONTH=MONTH](http://202.137.229.96:8084/Service1.svc/GET_API_LEAVE_APPLICATION/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&MONTH=MONTH)

h) Input Sample :  
 OMV\_CARD\_NUMBER = 999998945048- ACAD\_YR – 2017-2018- MONTH= FEBRUARY

33) Mobile App Screen: Push Notification (Leave balance - Employee)

a) Method Name : GET\_API\_LEAVE\_BALANCE  
 b) Purpose : To display the leave balance of employee.  
 c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR

- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : EMPLOYEE\_ID, EMPLOYEE\_NO, EMPLOYEE\_NAME, DEPARTMENT\_NAME, DATE\_OF\_JOINING, EMPLOYMENT\_TYP, DESIG, HEADER, LEAVE\_TYP, DAYS\_NO
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_LEAVE\\_BALANCE/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_LEAVE_BALANCE/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999998945048- ACAD\_YR – 2017-2018

34) Mobile App Screen: My Store Requisitions (Item requisition details - Employee)

- a) Method Name : GET\_API\_ITEM\_REQUISITION\_DTLS
- b) Purpose : To display the item requisition details of employee.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, FROM\_DATE (DD/MM/YYYY), TO\_DATE (DD/MM/YYYY)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : EMPLOYEE\_ID, ENAME, DEPARTMENT, REQUISITION\_NO, ITEM\_DESCRIPTION, ITEM\_TYPE, ISSUE\_DATE, QUANTITY\_REQUESTED, QUANTITY\_ISSUED, ITEM\_TYPE\_DESC
- g) URL :   
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_ITEM\\_REQUISITION\\_DTLS/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&FROM\\_DATE=FROM\\_DATE&TO\\_DATE=TO\\_DATE](http://202.137.229.96:8084/Service1.svc/GET_API_ITEM_REQUISITION_DTLS/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&FROM_DATE=FROM_DATE&TO_DATE=TO_DATE)
- h) Input Sample :   
OMV\_CARD\_NUMBER = 999993039144- ACAD\_YR – 2018-2019 - FROM\_DATE=01/01/2018 - TO\_DATE = 01/01/2019  
OMV\_CARD\_NUMBER = 999993039144- ACAD\_YR – 2017-2018 - FROM\_DATE=01/01/2017 - TO\_DATE = 01/01/2018

35) Mobile App Screen: My Store Requisitions (Item requisition return - Employee)

- a) Method Name : GET\_API\_ITEM\_REQUISITION\_RETURN
- b) Purpose : To display the item requisition return details of employee.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR FROM\_DATE (DD/MM/YYYY), TO\_DATE (DD/MM/YYYY)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : REQUISITION\_NO, EMPLOYEE\_ID, EMPLOYEE\_NAME, ITEM\_CODE, ITEM\_DESCRIPTION, RETURN\_APPROVED\_BY, RETURN\_QTY, RETURN\_APPROVAL\_STATUS, RETURN\_DATE

g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_ITEM\\_REQUISITION\\_RETURN?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&FROM\\_DATE=FROM\\_DATE&TO\\_DATE=TO\\_DATE](http://202.137.229.96:8084/Service1.svc/GET_API_ITEM_REQUISITION_RETURN?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&FROM_DATE=FROM_DATE&TO_DATE=TO_DATE)

h) Input Sample :  
 OMV\_CARD\_NUMBER = 999990883144- ACAD\_YR – 2018-2019 - FROM\_DATE=01/01/2018 - TO\_DATE = 01/01/2019  
 OMV\_CARD\_NUMBER = 999990883144- ACAD\_YR – 2017-2018 - FROM\_DATE=01/01/2017 - TO\_DATE = 01/01/2018

36) Mobile App Screen: Transport Attendance(Student)

- a) Method Name : GET\_API\_USER\_TRANS\_ROUTE\_ATTEND
- b) Purpose : To display the transport attendance of student.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : ROUTE\_ID, ROUTE\_NO, STUDENT\_ID, STUDENT\_NAME, ONWARD, RETURN, CLASS\_SECTION, ACAD\_YR, SESSION\_NAME, ONWARD\_STATUS, RETURN\_STATUS, ATTENDANCE\_DATE
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_USER\\_TRANS\\_ROUTE\\_ATTEND?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_USER_TRANS_ROUTE_ATTEND?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999990648144, ACAD\_YR – 2018-2019, MONTH=MAY  
 OMV\_CARD\_NUMBER = 999990648144, ACAD\_YR – 2017-2018, MONTH=MAY

37) Mobile App Screen: Transport Attendance (Employee)

- a) Method Name : GET\_API\_USER\_TRANS\_ROUTE\_ATTEND
- b) Purpose : To display the transport attendance of employee
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR, MONTH
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : EMPLOYEE\_ID, EMPLOYEE\_NAME, ROUTE\_NO, ATTENDANCE\_DATE, ATTEND\_STATUS, DESIGNATION
- g) URL : [http://202.137.229.96:8084/Service1.svc/GET\\_API\\_USER\\_TRANS\\_ROUTE\\_ATTEND?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_USER_TRANS_ROUTE_ATTEND?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample :

38) Mobile App Screen: Transport Route List(Employee)

- a) Method Name : GET\_API\_TRANSPORT\_ROUTE\_LIST
- b) Purpose : To select the route list for marking transport attendance for the selected date

- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : ROUTE\_ID, ROUTE\_NO
- g) URL :  
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_TRANSPORT\\_ROUTE\\_LIST/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR](http://202.137.229.96:8084/Service1.svc/GET_API_TRANSPORT_ROUTE_LIST/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR)
- h) Input Sample : OMV\_CARD\_NUMBER = 999993582144, ACAD\_YR – 2017-2018

39) Mobile App Screen: Transport Attendance Student List(Employee)

- a) Method Name : GET\_API\_TRANS\_STUDENT\_LIST
- b) Purpose : To display the list of students in a route no for marking class attendance for the selected date.
- c) Input Parameters : OMV\_CARD\_NUMBER (Last 12 digits), ACAD\_YR,ROUTE\_ID,SESSION\_ID  
 ROUTE\_ID= [GET\\_API\\_TRANSPORT\\_ROUTE\\_LIST: ROUTE\\_ID](#),  
 SESSION\_ID = [GET\\_API\\_CLASS\\_SECTION\\_LIST: SESSION\\_ID](#)
- d) Return Type : Array List Type and String
- e) Message records : If in case records are fetched successfully, display record else message.
- f) Output Field : STUDENT\_ID, ACAD\_ID, END\_DATE, ROUTE\_ID, ROUTE\_NO, STUDENT\_NAME, CLASS\_NAME,SECTION\_NAME, ADM\_NO, ROLL\_NO, BUS\_STOP\_NAME, STATUS, SESSION\_ID, BUS\_STOP\_ID
- g) URL :  
[http://202.137.229.96:8084/Service1.svc/GET\\_API\\_TRANS\\_STUDENT\\_LIST/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&ROUTE\\_ID=ROUTE\\_ID&SESSION\\_ID=SESSION\\_ID](http://202.137.229.96:8084/Service1.svc/GET_API_TRANS_STUDENT_LIST/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&ROUTE_ID=ROUTE_ID&SESSION_ID=SESSION_ID)
- h) Input Sample : OMV\_CARD\_NUMBER = 999993582144, ACAD\_YR – 2017-2018

40) Mobile App Screen: Transport Attendance Marking for Student (Employee)

- a) Method Name : POST\_API\_MARK\_TRANSPORT\_ATTEND\_PRC
- b) Purpose : To upload the marking transport attendance for the selected date.
- c) Input Parameters : OMV\_CARD\_NUMBER:(Last 12 digits), ACAD\_YR,  
 P\_USER\_ID:(String –[GET\\_API\\_TRANS\\_STUDENT\\_LIST: STUDENT ID](#)-Status),  
 Status- P: Present, A: Absent, L- Leave  
 Ex. - '1024-A, 2753-P, 4582-L, , , ,'  
 P\_ROUTE\_ID: ([GET\\_API\\_TRANSPORT\\_ROUTE\\_LIST: ROUTE ID](#)),  
 P\_SESSION\_ID: ([GET\\_API\\_CLASS\\_SECTION\\_LIST: SESSION ID](#)),  
 P\_ACAD\_ID: ([GET\\_API\\_CLASS\\_SECTION\\_LIST: ACAD ID](#)),  
 P\_JOURNEY\_TYPE: (String (1) - O or R, O: Onward, R: Return),  
 P\_ATTEND\_DATE (Date – DD-MMM-YYYY)
- d) Return Type : String

e) Message records : If in case record is saved/updated successfully, the display return message.

f) URL :  
[http://202.137.229.96:8084/Service1.svc/POST\\_API\\_MARK\\_TRANSPORT\\_ATTEND\\_PRC/?OMV\\_CARD\\_NUMBER=OMV\\_CARD\\_NUMBER&ACAD\\_YR=ACAD\\_YR&P\\_USER\\_ID=P\\_USER\\_ID&P\\_ROUTE\\_ID=P\\_ROUTE\\_ID&P\\_SESSION\\_ID=P\\_SESSION\\_ID&P\\_ACAD\\_ID=P\\_ACAD\\_ID&P\\_JOURNEY\\_TYPE=P\\_JOURNEY\\_TYPE&P\\_ATTEND\\_DATE=P\\_ATTEND\\_DATE](http://202.137.229.96:8084/Service1.svc/POST_API_MARK_TRANSPORT_ATTEND_PRC/?OMV_CARD_NUMBER=OMV_CARD_NUMBER&ACAD_YR=ACAD_YR&P_USER_ID=P_USER_ID&P_ROUTE_ID=P_ROUTE_ID&P_SESSION_ID=P_SESSION_ID&P_ACAD_ID=P_ACAD_ID&P_JOURNEY_TYPE=P_JOURNEY_TYPE&P_ATTEND_DATE=P_ATTEND_DATE)

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