|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **URLs** | | | **Responses** | |
| **Request** | **Body** | | **OK** | **Error** |
| POST api/login | username:\_\_\_\_\_\_ password:\_\_\_\_\_\_ | | Status = 200 | Status = 400 |
|  | { ‘username’: \_\_\_\_\_\_ ‘is\_student’: (True/False) ‘is\_teacher’: (True/False) ‘is\_pending’:(True/False) ‘registered’:(True/False) } | | { ‘A user with this username and password not exist’ } |
| POST api/register | username:\_\_\_\_\_\_ password:\_\_\_\_\_\_ password2:\_\_\_\_\_\_ is\_student:\_\_\_\_\_\_ is\_teacher:\_\_\_\_\_\_ | | Status = 201 | Status = 400 |
| { ‘username’: \_\_\_\_\_\_ ‘is\_student’: (True/False) ‘is\_teacher’: (True/False) ‘is\_pending’: (True/False) ‘registered’:false } | { ‘Validation Error’ } |
| POST api/profile/student | Name:\_\_\_\_\_\_ Mobile:\_\_\_\_\_\_ Email: \_\_\_\_\_\_ Year: \_\_\_\_\_\_ Semester: \_\_\_\_\_\_ Department: \_\_\_\_\_ Enrollment: \_\_\_\_\_\_ Section: \_\_\_\_\_\_ | | Status = 201 | Status = 400 |
| { ‘username’: \_\_\_\_\_\_ ‘is\_student’: (True/False) ‘is\_teacher’: (True/False) ‘is\_pending’: (True/False) } | { ‘unable to add profile to user ’ } |
| GET api/profile/student/<username> | -- | | Status = 200 | Status = 404 |
| { ‘Name’:\_\_\_\_\_\_ ‘Mobile’:\_\_\_\_\_\_ ‘Email’: \_\_\_\_\_\_ ‘Year’: \_\_\_\_\_\_ ‘Semester’: \_\_\_\_\_\_ ‘Department’: \_\_\_\_\_ ‘Enrollment’: \_\_\_\_\_\_ ‘Section’: \_\_\_\_\_\_ } | {  ‘Profile not found’  } |
| PUT api/profile/student | Name:\_\_\_\_\_\_ Mobile:\_\_\_\_\_\_ Email: \_\_\_\_\_\_ Year: \_\_\_\_\_\_ Semester: \_\_\_\_\_\_ Department: \_\_\_\_\_ Enrollment: \_\_\_\_\_\_ Section: \_\_\_\_\_\_ | | Status = 200 | Status = 400 |
| { ‘profile Successfully updated’ } | { ‘<Error>’ } |
| POST  api/profile/teacher | Name:\_\_\_\_\_\_ Mobile:\_\_\_\_\_\_ Email: \_\_\_\_\_\_ Id:\_\_\_\_ | | Status = 201 | Status = 400 |
| { ‘username’: \_\_\_\_\_\_ ‘is\_student’: (True/False) ‘is\_teacher’: (True/False) ‘is\_pending’: (True/False) } | { ‘unable to add profile to user ’ } |
| GET api/profile/teacher/<username> | -- | | Status = 200 | Status = 404 |
| { ‘Name’:\_\_\_\_\_\_ ‘Mobile’:\_\_\_\_\_\_ ‘Email’: \_\_\_\_\_\_ ‘Id’: \_\_\_\_\_\_ } | {  ‘Profile not found’  } |
| PUT api/profile/teacher | Name:\_\_\_\_\_\_ Mobile:\_\_\_\_\_\_ Email: \_\_\_\_\_\_ Id: \_\_\_\_\_\_ | | Status = 200 | Status = 400 |
| { ‘profile Successfully updated’ } | { ‘<Error>’ } |
| GET  api/attendance/student/<username> |  | | Status = 200 | Status = 400 |
| List of dictionary of following type which contains data based on current section  { "Date": \_\_, "Status": \_\_,(A/P) "Enrollment":\_\_, "Subject\_Code": \_\_, “Section": \_\_, } | [‘Some Error occur’] |
| Post  api/attendance/student | enrollment:\_\_, section:\_\_\_ | | Status = 200 | Status = 400 |
| List of dictionary of following type which contains data based on given section  { "Date": \_\_, "Status": \_\_,(A/P) "Enrollment":\_\_, "Subject\_Code": \_\_, “Section": \_\_, } | [‘Some Error occur’] |
| GET  api/attendance/teacher/checkattendance/ <str:section>/<str:subject\_code>/<str:from\_date>/ <str:to\_date> |  | | Status = 200 | Status = 500 |
| {  ‘<Subject\_code>’:{  ‘<Enrollment>‘:{  ‘A’: <int>,  ‘P’: <int>,  },  ………..  } } | <error> |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GET**  Api/attendance/teacher/modifyattendance/ <str:date>/<str:section>/<str:subject\_code> | |  | | Status : 200 | Stauts : 500 |
| [  {  "Date": "2020-12-05",  "Status": "A",  "Enrollment": "S1",  "Subject\_Code": "1",  "Section": "CSE-1A"  },  …..  ] | **<Error>** |
| **put**  api/attendance/teacher/modifyattendance | Date:2020-12-05  Status:A  Enrollment:S3  Subject\_Code:1  Section:CSE-1A | | | Status : 200 | Stauts : 404 |
| [“Data Updated”] | **<Error>** |
| **Get**  api/attendance/teacher/takeattendance/<str:section>/ <str:subject\_code>/<str:class\_id> | |  | | Status : 200 | Stauts : 404 |
| {  "Desc.": "We'll call a function for marking attendance by face detection with the following parameter values",  "Camera\_id": "101",  "Enrollment\_List": [  "S6",  "S7",  "S8",  "S9",  "S10"  ]  }  (Soon I’ll integrate the function with api) | **<Error>** |
|  | |  | |  |  |
| **GET**  api/timetable/teacher/subject/<Department>/<Semester>  <Department>: CSE,IT <Semester>: 1,2,3 | |  | | **Status = 200** | **Status:400** |
|  | [  {  "Subject\_Code":"1",  "Subject\_Name":"Subject 1",  "Semester": 1,  "Department": "CSE"  },  ………  ] | | **<Error>** |

**I’ll add the Work flow Of project here as soon as possible….**

For now I mentions some flow lines give an idea of how it actually works…

**Flow Lines for Acute\_Vision**

User registeration will be in 2 steps first user created then profile added

User 🡪 login(post on api/login) 🡪Home page (for student, teacher, teacher pending)

User 🡪 register(post on api/register )🡪 Profile Page (for student/teacher submit with post on api/profile/<usertype>)

User 🡪(Home Page )🡪update profile(get on api/<usertype>/<username>)🡪Submit (PUT on api/profile/<usertype>)