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| --- | --- | --- | --- | --- | --- |
| Operation | URL | Method | Parameters | Request Body | Response |
| User registration | /user | POST |  | {  "username":"lobsterS",  "password":"yummy",  "email":"123@gmail.com",  "firstName":"Daniel",  "lastName": "Chang",  "position": "Student",  "orgOrMajor":"computer science"  } | Status 200 and a User object in response body if successful; an error status code otherwise. |
| Get all programs | /programs | GET |  |  | Status 200 and a Program object in response body if successful; an error status code otherwise. |
| Get a program (by id) | /programs/1 | GET |  |  | Status 200 and a Program object in response body if successful; an error status code otherwise. |
| Create a new program | /programs | POST |  | {  "name": "CSULA CS Web",  "fullName": "CS5220 Web Programming",  "description": "Learn web design together."  } | Status 200 and a Program object in response body if successful; an error status code otherwise. |
| Edit a program | /programs/2/edit |  |  | POST  {  "name": "Web Design",  "fullName": "CS5220 Web Programming",  "description": "Learn web design together."  } | Status 200 and a Program object in response body if successful; an error status code otherwise. |
| Delete a program | /programs/2/delete | DELETE |  |  | Status 200 if successful; an error status code otherwise. |
| Create a new event | /events | POST |  | {  "title": "Welcome Week3",  "description": "Welcome all students come to CSULA.",  "location": "Main Walkway",  "start\_date": 1534766400000,  "end\_date": 1535371200000  } | Status 200 and a Event object in response body if successful; an error status code otherwise |
| Approve/reject an event | /events/4/approval | POST |  | {  "status":"POSTED"  } | Status 200 and a Event object in response body if successful; an error status code otherwise |
| Add an attendee to an event | /events/2/attendee | POST |  | {  "id" : 2  } | Status 200 and a Event object in response body if successful; an error status code otherwise |
| Get all attendees of an event | /events/1/attendee | GET |  |  | Status 200 and the attendee attribute of the Event object in response body if successful; an error status code otherwise |