|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Type** | **URL/Route** | **Payload** | **Authentication** | **Response** |
| For Registration | POST | http://127.0.0.1:8000/auth/registration/ | {  "username": "shiwang",  "email":"shiwang@gmail.com",  "password": "password"  } | Not Required | {  "user": {  "id": 3,  "username": "Neha",  "email": "Neha@gmail.com"  },  "refresh": "token(not written due to long string)",  "access": "token"  } |
| For Login | POST | http://127.0.0.1:8000/auth/login/ | {  "username": "shiwang",  "password": "password"  }  (with token in Auth) | Required  (Bearer JWT Token) | {  "refresh": "token",  "access": "token"  } |
| To Create  Calender | POST | http://127.0.0.1:8000/calender/create/ | {  "title": "Shiwang's Calendar",  "description": "Calender for Events"  } | Required  (Bearer JWT Token) | {  "id": 1,  "description": "Calender for Events"  } |
| To Create  Event | POST | http://127.0.0.1:8000/calender/events/ | {"title": "Comedy Show",  "description": " Comedy Show in Koramangla",  "start\_time": "2024-06-28T11:00:00",  "end\_time": "2024-06-28T12:00:00",  "calendar":"1"} | Required  (Bearer JWT Token) | {  "title": "Comedy Show",  "description": "Comedy Show in Koramangla",  "start\_time": "2024-06-28T11:00:00Z",  "end\_time": "2024-06-28T12:00:00Z",  "calendar": 1  } |
| To get all events | GET | http://127.0.0.1:8000/calender/events/ | Not Required | Required  (Bearer JWT Token) | N/A |
| To delete an Event | DELETE | <http://127.0.0.1:8000/calender/events/id_of> \_event/ | Not required | Required  (Bearer JWT Token) | N/A |
| To modify the event | PATCH | http://127.0.0.1:8000/calender/events/id\_of\_event/ | title:italian dance classes  (attribute you want to modify) | Required  (Bearer JWT Token) | {  "title": "italian dance classes",  "description": "Different Pasta's",  "start\_time": "2024-06-25T09:00:00Z",  "end\_time": "2024-06-25T10:00:00Z",  "calendar": 1,  "id": 6  } |
| To Share calendar | POST | http://127.0.0.1:8000/calender/share/ | {  "calendar\_id":"1",  "shared\_with\_id":"3"  } | Required  (Bearer JWT Token) | {  "detail": "Calendar is already shared with this user."  } |
| Shared Calender | GET | http://127.0.0.1:8000/calender/shared/ | - | Required  (Bearer JWT Token) | [{"id": 1,  "calendar": 1,  "shared\_with": 3,  "shared\_by": 2,  "shared\_at": "2024-06-23T16:44:24.785675Z"      }  ] |

**Note**: - Unit Test also been done in user\_calender/test.py for all the API’s except calendar sharing API.