**AUTHENTICATION**

* Users log in and receive a JWT Token.
* Token:
  + User\_ID
  + Role (Student, Student Officer, Event Organizer, Admin)
  + Role\_ID

**AUTHORIZATION**

|  |  |
| --- | --- |
| **ROLE** | **PERMISSIONS** |
| **Student** | 🔹 View events attended  🔹 View upcoming events |
| **Student Officer** | 🔹 View events attended  🔹 View upcoming events  🔹 Scan students' faces  🔹 Approve attendance |
| **Event Organizer** | 🔹 Manage event details  🔹 Add and cancel events |
| **Admin** | 🔹 Manage, create, and delete users  🔹 Approve updates  🔹 Oversee system  🔹 Apply authentication & authorization |