**Ticket Purchase System , API documentation**

API Request Data and Response Data Detailed descriptions are not listed in this table.This table only summarizes API documentation.

| No | API Name | Method | Request Data | Response Data | URL |
| --- | --- | --- | --- | --- | --- |
| 1 | User Register | POST | username, password, and role. | User Register | /api/auth/register |
| 2 | User Login | POST | username and password | Get User Token | /api/auth/login |
| 3 | Create Ticket | POST | eventName, eventDate, eventTime, venue, category, price, and availableTickets. | Ticket Creation | /api/tickets/create |
| 4 | Get All Tickets | GET |  |  | /api/tickets/getAll |
| 5 | Get Ticket By ID | GET |  |  | /api/tickets/getById/{ticketId} |
| 6 | Delete Ticket | DELETE |  |  | /api/tickets/delete/{ticketId} |
| 7 | Update Ticket | PUT |  |  | /api/tickets/update/{ticketId} |
| 8 | Search Tickets | GET |  |  | /api/tickets/search |
| 9 | Purchase Tickets | POST | ticketId and quantity | Ticket Purchase Process | /api/tickets/purchase |
| 10 | Purchase History | GET |  |  | /api/tickets/purchase/history |