Authentication

|  |  |  |
| --- | --- | --- |
| Client |  | Server |
| Send | username: STRING  Password: SHA-256 of password |  |
|  | Data: success/failure | Expected |

Server is expected to query the database and checks if username and password is valid  
SHA-256 Hash is implemented using the JavaScript of the following site:   
<http://www.movable-type.co.uk/scripts/sha256.html>

Retrieve Upcoming Class

|  |  |  |
| --- | --- | --- |
| Client |  | Server |
| Send | username: STRING |  |
|  | Class Details:  Class: CSXXXX Venue: MBLT Geolocation\_X: 1.0123  Geolocation\_Y: 1.2334  Lecturer: Dave Cohen | Expected |

Server is expected to query the database and checks the class within the 10 min before and 15 min after the class time.