COMP3331 Report

**Server**

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| **Header** | **Application** | **Description** |
| /login/user | User Authentication |  |
| /login/fail/retry |  | User exists but password is wrong |
| /login/fail/blocked |  | User exists but too many passwords have been entered |
|  | Timeout |  |
| /broadcast/login 3 | Presence Broadcasts |  |
|  | List Of Online Users |  |
|  | Online History |  |
| Server/message | Message Forwarding |  |
|  | Offline Messaging |  |
|  | Message Broadcast |  |
|  | Blacklisting |  |

**Client**

|  |  |  |
| --- | --- | --- |
| **Header** | **Application** | **Description** |
| Login/pass Login/fail | Authentication |  |
| User/message | Message |  |
|  | Notifications |  |
|  | Find users online |  |
|  | Find online history |  |
|  | Blacklist3 |  |