**DESIGN**

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| **Message** | **Purpose** | **Message Length** | **Data in the message** |
| UserName | Login | Namelength=20 | The name of the user |
| Login\_Status | Login status | 13 or 10 | LOGIN\_SUCCESS or LOGIN\_FAIL |
| Option selected | To tell the server the request made by client | 1 | A number in string format. |
| Option specific data | To communicate to the client any option specific data needed by the server from the client | Varies | String data delimited by “|” character. |
| Data | To be displayed in the client screen. | Varies | The data requested by the client from the user database. |