Facebook Server

Login Handler

Login (UI)

**Functional Requirement**

**Client**

Login Handler/Connection Controller

|  |  |
| --- | --- |
| CFR08 | User Login with Google Single Sign-on |
|  | User can use his/her Google account to login the system. |

|  |  |
| --- | --- |
| CFR14 | Participant Information |
|  | Some participant information is grabbed from Facebook by signing in Facebook account.  We will grab name, Facebook account. Participant can set nick name. (?) |

Login (UI)/Connection Controller

|  |  |
| --- | --- |
| CFR16 | Login View |
|  | Login View can let user to enter Facebook Single Sign-on to login, or let user select the stored Facebook account via Android Account Manager. |

**Server:**

Facebook Server

|  |  |
| --- | --- |
| SFR1 | Facebook Single Sign-on |
|  | User can use his/her Facebook account to login the system. |

Login Handler/Connection Controller

|  |  |
| --- | --- |
| SFR11 | Association Record |
|  | Some setting(?) equal to CFR14 |

**External Interface Requirement**

**Client**

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| --- | --- |
|  |  |
| CEIR1 | **Login Module to Facebook** |
|  | Participant Module send Single Sign-on request to Facebook and receive general information from Facebook. |
| CEIR2 | **Login Module to Android API: Account Manager** |
|  | Login Module ask Account Manager which Facebook account to use. |

**Server**

|  |  |
| --- | --- |
|  |  |
| SEIR1 | **Participant Module to Facebook** |
|  | Participant Module send Single Sign-on request to Facebook and receive the result from Facebook. |

