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| **Use Case Name:** | **Login** | |
| **Actor(s):** | **Message user, person for checking** | |
| **Description:** | This use case describes the process of how a user logs in to the system. On completion, the system will show different surface for different role users. | |
| **Reference ID:** | CS3342-Group4-project0.1 | |
| **Typical course of events:** | **Actor Action** | **System Response** |
|  | **Step 1:**  **User open our app and see the login UI**  **Step 3: The user see our service** | **Step 2:The system confirm the identity of the user** |
| **Alternative course of events:** | **Step2a:[Extension point: If the system checked that the user is person for checking, the system will invoke use-case ”CheckData”]** | |
| **Precondition:** | The use has legal identity and user has our app. | |
| **Postcondition:** | User see different UI surface and start to work | |

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| **Use Case Name:** | **InputDataFile** | |
| **Actor(s):** | **Message user** | |
| **Description:** | This use case describes the process of how the user input the data file | |
| **Reference ID:** | CS3342-Group4-project0.2 | |
| **Typical course of events:** | **Actor Action** | **System Response** |
|  | **Step 1:**  **User has Logged into our system** | **Step 2:The system invokes the use-case “ConfirmDataFile”** |
| **Alternative course of events:** | **Step2a:[Extension point: If user input wrong type of file, the system will invoke use-case ”SendWrong”]** | |
| **Precondition:** | The user has logged into our system | |
| **Postcondition:** | The system received the data file | |

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| **Use Case Name:** | **InputTimePeriod** | |
| **Actor(s):** | **Message user** | |
| **Description:** | This use case describes the process of how the user set the time of these data and file. | |
| **Reference ID:** | CS3342-Group4-project0.3 | |
| **Typical course of events:** | **Actor Action** | **System Response** |
|  | **Step 1:**  **User has inputted the file and see the time setting UI**  **Step 3:**  **User select the Day.**  **Step 5:**  **The user selects the hours** | **Step 2:The system invokes the use-case “InputDay”**  **Step4:The system invokes the use-case “InputDetailsTime”** |
| **Alternative course of events:** |  | |
| **Precondition:** | The user has inputted the file and want to set time | |
| **Postcondition:** | The time is set and financial report is processing. | |

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| **Use Case Name:** | **CheckFinancialReport** | |
| **Actor(s):** | **Message user** | |
| **Description:** | This use case describes the process of how the user checks the financial report. | |
| **Reference ID:** | CS3342-Group4-project0.4 | |
| **Typical course of events:** | **Actor Action** | **System Response** |
|  | **Step 1:**  **User has inputted the file and set the time** | **Step 2:The system invokes the use-case “DeleteFile”** |
| **Alternative course of events:** | **Step2a:[Extension point: If user think the file is great, the system will invoke use-case ”DispalyAndExprotFile”]** | |
| **Precondition:** | The user has set all things. | |
| **Postcondition:** | The system delete the sensitive data and file | |