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| SOEN 6951  **Resolute Case Study Project** | SRS Document |

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Prepared By:

Use Cases

# Login

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| **Reference Number** | **UC1** | **Title** | **Login Page** |
| **Goal in Context** | User Authentication before connecting to the application | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | Medium | | |
| **Preconditions** | Have a login and password | | |
| **Trigger** | Click Login Button | | |
| **Post conditions** | Redirecting to application. | | |
| **Success End Condition** | The user directed to the application. | | |
| **Failed End Condition** | The user login fails and notifies an alert message | | |
| **Primary Actor** | Admin,Under cover agent, Supervisor | Secondary Actor | None |
| **Main Success Scenario** | 1. The user enters user name and password 2. The system validates the user name and password 3. The system connects to the appltication. | | |
| **Extensions** | 2 a.< *validation fails*>  1. Validation fails and the user is prompted to retry  2. The system is not connected to the application page  2 b <*User request new password*>  1. user requests for new password. | | |

# Initiating/ retreiving password

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| **Reference Number** | **UC3** | **Title** | **User requests** |
| **Goal in Context** | User Authentication fails before connecting to application | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | Medium | | |
| **Preconditions** | Invalid User name and password | | |
| **Trigger** | Request from user | | |
| **Post conditions** | New password for user | | |
| **Success End Condition** | The user is provided with a new password. | | |
| **Failed End Condition** | None | | |
| **Primary Actor** | Undercover agent, Supervisor | Secondary Actor | None |
| **Main Success Scenario** | 1. User requests for new password 2. System mails the user with a link for resetting his password. 3. The user resets his password. | | |
| **Extensions** | None | | |

# Connecting to the Social Media (Facebook) and Chat Clients(Skype)

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| **Reference Number** | **UC4** | **Title** | **Chat server Connection** |
| **Goal in Context** | Under cover agent connects to chat session | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | High | | |
| **Preconditions** | User should be successfully authenticated to the application.  User should have a credential to connect to chat session | | |
| **Trigger** | Click connect Button | | |
| **Post conditions** | System connects to chat session. | | |
| **Success End Condition** | The System connects to chat session. | | |
| **Failed End Condition** | System doesn’t connect to chat session. | | |
| **Primary Actor** | Undercover agent, | Secondary Actor | None |
| **Main Success Scenario** | 1. System provides the available choices for chat sessions. 2. User selects one of the chat session 3. System connects to the chat session | | |
| **Extensions** | 3.a <Connection fails> system issues the error message  \* <User decides to quit>  User logs out of the application. | | |

# Analyzing the chat

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| **Reference Number** | **UC5** | **Title** | **Analyzing the chat** |
| **Goal in Context** | Under cover agent analyzes the chat logs | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | High | | |
| **Preconditions** | User should have the current chat converstions with the client | | |
| **Trigger** | Chat Conversation | | |
| **Post conditions** | Results of the analysis | | |
| **Success End Condition** | None | | |
| **Failed End Condition** | None | | |
| **Primary Actor** | Undercover agent, | Secondary Actor | None |
| **Main Success Scenario** | 1. Users enters the text/ receives the text 2. System analyzes the text and saves it in the persistent storage 3. repeat steps 1 & 2 until the user disconnects from the chat 4. Finally, the system collects the results and send them to the report generator module | | |
| **Extensions** | 2 a.<*Detecting distinctive features*>   1. System detects distinctive features 2. System continue from step 1. | | |

# Creating the user’s account

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| **Reference Number** | **UC6** | **Title** | **Creating the user’s account** |
| **Goal in Context** | Creating a new user account | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | Medium | | |
| **Preconditions** | Should have an access to the application | | |
| **Trigger** | Admin requests for a new account | | |
| **Post conditions** | A username and password is provided | | |
| **Success End Condition** | New user account is created | | |
| **Failed End Condition** | Incorrect or incomplete details | | |
| **Primary Actor** | Admin | Secondary Actor | Supervisor, Under cover Agent |
| **Main Success Scenario** | 1. System displays the required forms 2. Admin fills the form 3. System saves all information 4. new user account is created 5. system gives an user name and password | | |
| **Extensions** | 2.a <Incomplete details>  1) Incomplete details of a user  2) System informs the admin about the required details  2.b<incorrect details>  1) Admin enters incorrect details of the user(like email,DOB)  2) System informs the admin about the incorrect details  \* <User decides to quit>  User logs out of the application. | | |

# Managing (Remove) the accounts:

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| **Reference Number** | **UC7** | **Title** | **Managing the accounts** |
| **Goal in Context** | Manage the user’s account (Remove) | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | Medium | | |
| **Preconditions** | Should have an access to the application | | |
| **Trigger** | Admin request to remove an user account. | | |
| **Post conditions** | Remove the user | | |
| **Success End Condition** | Remove user | | |
| **Failed End Condition** | None | | |
| **Primary Actor** | Admin | Secondary Actor | Supervisor, Under cover Agent |
| **Main Success Scenario** | 1. Admin requests for removing the user account. 2. System displays the list of current users 3. Admin selects user from list 4. System prompts admin for a confirmation 5. System removes the user and saves the updated information | | |
| **Extensions** | \*<User decides to quit>  User logs out of the application. | | |

# Detecting distinctive features:

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| **Reference Number** | **UC8** | **Title** | **Detects distinctive features** |
| **Goal in Context** | Detecting red flag from chat conversation | | |
| **Scope** | WUI | Level | User Level |
| **Priority** | High | | |
| **Preconditions** | Chat conversation | | |
| **Trigger** | Red flag(offensive language) in chat conversation | | |
| **Post conditions** | Detect red flag | | |
| **Success End Condition** | Detects red flag | | |
| **Failed End Condition** | None | | |
| **Primary Actor** | System | Secondary Actor | Under Cover Agent |
| **Main Success Scenario** | 1. System receives the text 2. System analyzes the text 3. System detects distinctive features 4. System displays distinctive features | | |
| **Extensions** | None | | |