# Social network service

## Made with <3 by group 5

Group 5 members:

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### Use case 1: Register new account

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| **Number** | 1 |
| **Name** | Register new account |
| **Summary** | Administrators create new account and add database |
| **Preconditions** | The user is not registered before |
| **Postconditions** | New user account added to a Database |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | Enter the username |
|  | 2 | Check if username is registered |
|  | 3 | System asks admin for new user information |
|  | 4 | System validate new user information |
|  | 5 | Add new user to the system |
| **Extensions** | **Step** | **Branching Action** |
|  | 2a | System notifies user that is register before |
|  | 2b | System asks for new user name |
|  | 4a | Quit with error message |

### User case 2: View all user accounts

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| **Number** | 2 |
| **Name** | View all user accounts |
| **Summary** | System displays all user account and their information |
| **Preconditions** | System must have at least one active user |
| **Postconditions** | Displays all accounts in the system |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | Check the number of active users in the system |
|  | 2 | Display all information related about the users |
| **Extensions** | **Step** | **Branching Action** |
|  | 1a | Display error message |

### User case 3: suspend user account

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| **Number** | 3 |
| **Name** | Suspend user account |
| **Summary** | Blocks the user with at least 2 reports |
| **Preconditions** | Login as an administrator |
| **Postconditions** | Block the reported user |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | the system displays all reports |
|  | 2 | the system displays usernames of all user accounts that have been reported by at least 2 active user accounts |
|  | 3 | The system asks administrator to enter the username of the user account to be suspended. |
|  | 4 | Set user status to suspended |
|  | 5 | Remove reports record from the system |
| **Extensions** | **Step** | **Branching Action** |
|  | 3a | System notifies admin that user doesn’t exist |

### Use case 4: Activate user account

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| --- | --- |
| **Number** | 4 |
| **Name** | Activate user account |
| **Summary** | Sets the user status to be active |
| **Preconditions** | Login as an administrator |
| **Postconditions** | Administrator activates user account |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | System displays all suspended users |
|  | 2 | Enter username |
|  | 3 | Change status of user to active |
| **Extensions** | **Step** | **Branching Action** |
|  | 2a | Username not in the list |

### User case 5: Post new content

|  |  |
| --- | --- |
| **Number** | 5 |
| **Name** | Post new content |
| **Summary** | User creates new post and add it to the system |
| **Preconditions** | Login as a user |
| **Postconditions** | A new post added to the system |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | System asks the user for content and category |
|  | 2 | System saves new post made by the user |

### User case 6: Send a message

|  |  |
| --- | --- |
| **Number** | 6 |
| **Name** | Send a message |
| **Summary** | Creates a new message and adds it to the database |
| **Preconditions** | Login as a user |
| **Postconditions** | Add the new message to the system |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | System displays all active user accounts |
|  | 2 | Enter the receiver’s username |
|  | 3 | Enter the subject, priority and content of the message |
|  | 4 | System saves the new created message made by the user |
| **Extensions** | **Step** | **Branching Action** |
|  | 2a | Username not in the list |

### User case 7: View all my posts

|  |  |
| --- | --- |
| **Number** | 7 |
| **Name** | View all my posts |
| **Summary** | System displays all posts made by the user |
| **Preconditions** | Login as a user |
| **Postconditions** | Display the posts |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | Check if user has made any posts in the system |
|  | 2 | Displays all posts made by the user |

### Use case 8: View all received messages

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| --- | --- |
| **Number** | 8 |
| **Name** | View all received messages |
| **Summary** | Display all messages that were send to the user |
| **Preconditions** | Login as a user |
| **Postconditions** | Display the posts |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | Search all messages that were send to the user |
|  | 2 | Display the messages |
| **Extensions** | **Step** | **Branching Action** |
|  | 1a | User didn’t receive any messages |

### Use case 9: View my last-updated wall

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| --- | --- |
| **Number** | 9 |
| **Name** | View my last-updated wall |
| **Summary** | Displays all posts made by friend of the user |
| **Preconditions** | Login as user |
| **Postconditions** | Display friends’ posts |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | 1 | Search for friends’ accounts |
|  | 2 | Display posts made by friends |
| **Extensions** | **Step** | **Branching Action** |
|  | 1a | System notifies the user doesn’t have any friends |
|  | 2a | No posts made by friends were found |

### Use case 10: Filter my wall

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| --- | --- |
| **Number** | 10 |
| **Name** | Filter my wall |
| **Summary** | Displays posts of a certain category |
| **Preconditions** | Login as user |
| **Postconditions** | Display friends’ posts |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| **Main Scenario** | **Step** | **Action** |
|  | 1 | Search for friends’ accounts |
|  | 2 | Display posts made by friends |
|  | 3 | Enter the category of the post |
|  | 4 | Display posts of the certain category |
| **Extensions** | **Step** | **Branching Action** |
|  | 1a | System notifies the user doesn’t have any friends |
|  | 2a | No posts made by friends were found |
|  | 3a | Category doesn’t exist |
|  | 4a | No posts under given category were found |

### Use case 11: Send report to administrator

|  |  |
| --- | --- |
| **Number** | 11 |
| **Name** | Send report to administrator |
| **Summary** | Generates a report and save it to the system |
| **Preconditions** | Login as user |
| **Postconditions** | Give a report about the user |
| **Primary Actor(s)** | User |
| **Secondary Actor(s)** |  |

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| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | 1 | Display all active users in the system |
|  | 2 | Enter the name of the user to report |
|  | 3 | Add the new report to the database |
| **Extensions** | **Step** | **Branching Action** |
|  | 2a | User not found |