

BBB - Use Case Descriptions

User Registration

- Summary: A user makes an account
- Basic Course of Events:
 1. The user clicks "Sign-Up" button on homepage and is taken to the registration page
 2. The system requests information from the user i.e. Email, Password
 3. If the email is unregistered and the password is valid, the system will instantiate a new user with the provided information
 4. User is taken to login page
 5. Complete Use Case "User Registration"
- Alternative Path:
 1. User can click "Login" and be redirected to the login page
- Exception Path:
 1. If at Step 2, email or password is invalid, return error message and go to Step 2
- Pre-Condition:
 1. No user is logged in
- Post-Condition:
 1. The user account is created

User Login

- Summary: The user logs in
- Basic Course of Events:
 1. The user clicks "Login" button on the homepage and is taken to the login page
 2. The system requests information from the user i.e. Email, Password
 3. User is logged in
 4. Complete Use Case "User Login"
- Alternative Paths:
 1. User can click "Sign up" and be redirected to the registration page
- Exception Paths:
 1. If at step 2, email and password is invalid, return error message and go to step 2
- Pre-Condition:
 1. The user must have already completed the Registration Use Case
 2. No user is logged in
- Post-Condition:
 1. The user will be shown their homepage

Create a Group

- Summary: A user creates a group
- Basic Course of Events:
 1. The user clicks on the “Add Group” button on the user homepage
 2. The System asks for a group name and to add users
 3. The user provides a group name and users to be added if any
 4. The System takes the group information provided and instantiates the group and will update the database
 5. The founding user is taken to the new group home page where they are now the admin of that group
- Alternative Paths: N.A
- Exception Paths:
 1. The user is currently not a registered user in WillDo
- Pre-Condition:
 1. The user is currently logged in to their account
- Post-Condition:
 1. The user is shown the new group page

Adding a user to a group

- Summary: A user will be able to add a member to/join a group
- Basic Course of Events:
 1. The user selects opens “Options” menu within the group page
 2. The user selects “Members” and is shown a member list of the group
 3. From the list the user clicks on the “Add User” button
 4. The user selects contacts from shared groups or from a search for an email of a specific user
 5. That user is be added to a list of users to be add to the group
 6. The user clicks submit to send the request to add listed users
- Alternative Paths: N.A.
- Exception Paths:
 1. The user selects a pre-existing user to add to the group
- Pre-Condition:
 1. The inviting user is logged in
 2. The inviting user is a member of the group
 3. The invited user is a register user
- Post-Condition:
 1. All added users appear within the group
 2. New users are able to be assigned tasks and be able to see the new group
 3. New users can assign tasks

Removing a User

- Summary: A user is removed from the group
- Basic Course of Events:
 1. The user enters the “Option” menu of the group
 2. The user selects “Members” from the “Options” menu and is shown the member list
 3. From the list the user is able to select a member and is shown different options for that user
 4. The user selects “Remove User” from the options
 5. The user confirms user removal
 6. The user submits removal
- Alternative Paths:
 1. A user will leave the group themselves under the group settings options “Leave Group”
- Exception Paths:
 1. There are no users to remove from the group
 2. The leaving user is not a member of the group
- Pre-Condition:
 1. The user is an admin
- Post-Condition:
 1. The selected user(s) are removed from the group

Creating a Task

- Summary: A user will be able to create and assign a task to the group
- Basic Course of Events:
 1. The user selects “New Task” from within the group page
 2. From there the user provides a title, description, and due date for the task
 3. The user is given the option to assign the task by selecting “Assign To:” within the task creation page
 4. Once all information is collected the user selects “Submit” and adds the task to the group/user
- Alternative Paths: N.A.
- Exception Paths:
 1. The assigned user does not exist within the group
 2. The task lacks a certain attribute
- Pre-Condition:
 1. The user is in the group
- Post-Condition:
 1. The task is be seen by all members in the group

Editing a Task

- Summary: A user will edit the task they have authored
- Basic Course of Events:
 1. A user selects the edit icon from the listed task
 2. The user is taken to the task editing screen
 3. Once on the page the user edits the different parts of the task
 4. The user is able to submit the changes for the group to see
- Alternative Paths:
 1. The user is also be able to archive the task from the group
- Pre-Condition:
 1. The user is a member of the group and is the author of that task
- Post-Condition:
 1. The updated information is presented to group members

Pinging a User

- Summary: A user will be able to ping a task to remind all relevant users
- Basic Course of Events:
 1. A user selects the bell icon from the list of tasks
 2. Once selected the user is shown a list of members that are included in accomplishing this task
 3. The user selects the user(s) to ping for a reminder then select submit
- Alternative Paths:
 1. The user will select a “Ping all” option from the group page sending a reminder to all members of their relevant tasks
- Exception Path:
 1. The selected task is assigned to the user
- Pre-Condition:
 1. The task is not complete
- Post-Condition:
 1. All relevant members are sent a ping to their tasks