User Acceptance Testing Plan

 User Account Creation - The first feature to be tested by the user will be their account creation. The app will require the user to give their full name, email, password for the application, and phone number in order for the account to be created. They can also optionally give their social media information or choose to do so at a later time. In order to verify functionality of this feature, it should only successfully create the account if all the required information is given by the user and an account does not already exist for that user. If such an account exists, the application should display a message to the user that an account with that information exists. On our end we will verify that the data is properly stored in the database once the account is created.

User Login/Logout - The second feature to be tested by the user will be login/logout after their account has been successfully created. In order for this feature to be accepted by user, it should display an error message to the user in all cases such that: the user attempts to log in but has not created an account; the user attempts to log in with an incorrect password, the user attempts to log out when already logged out. In order to verify functionality of this feature, the user will proceed with the following steps:

1. Attempt to login without creating an account
2. Login after creating an account
3. Log out
4. Attempt to log out again

If the user can complete the above steps, with appropriate error messages displayed, then feature functionality will be verified.

Group Creation and Basic Modification - The third feature to be tested by the user will be the creation of basic groups after they are authenticated to the server. In order for this feature to be accepted by the user, it should allow a logged-in user to create a group, provided that they are not already part of one. It should also allow the user to make basic edits to their own group, such as editing the name of the group and adding other users to the group. It should display an error if the user is already part of a group but attempts to create a new group without first leaving the group that they are currently in. In order to verify functionality of this feature, the user will proceed with the following steps:

1. Login to their account.
2. Create a new group
3. Attempt to create another new group
4. Change group name
5. Add other members to the group
6. Remove members from the group
7. Leave the group
8. Create another group

If the user is able to complete the steps and the appropriate information is reflected in the SharedSpaces DB, verification of the feature functionality will be complete.