Test Plan for Cloud Network
Team 15
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#1: Mobile Log-in
1. **Functional**
    A. Mobile Log-In 001, Log-In Successful, Severity 1
    B. Open mobile application. Enter "master" as username and "test" as password. Click Log In.
    C. It should take the user to their profile page. The user's information should be accurately displayed.
2. **Equivalence Class**
    A. Mobile Log-In 002, Log-In Failure, Severity 1
    B. Open mobile application. Enter and invalid username and password. Click Log In.
    C. Application should not allow user access.
3. **Boundary Value**
    A. Mobile Log-In 003, Username Empty, Severity 2
    B. Open mobile application. Enter valid password, but leave username field empty. Click Log In.
    C. Application should not allow user access.

    A. Mobile Log-In 004, Password Empty, Severity 2
    B. Open mobile application. Enter valid username, but leave password field empty. Click Log In.
    C. Application should not allow user access

#2: Mobile Registration
1. **Functional**
    A. Mobile Registration 001, Registration Successful, Severity 1
    B. Open mobile application. Click Register. Fill out text fields with valid entries. Click Register.
    C. "User created!" dialog should appear. Enter the username and password in the log-in page and click Log In. Application should redirect to user profile page, showing accurate user information.
2. **Equivalence Class**
    A. Mobile Registration 002, Registration Failure, Severity 1
    B. Open mobile application, click register and enter already existing credentials in the text fields. Click register.
    C. Notification saying that the username already exists should show up.
3. **Boundary Value**
    A. Mobile Registration 003, Registration Empty Username, Severity 1
    B. Open mobile application. Click register. Enter values in all the fields except for the username. Click register.
    C. Registration should not be successful.

A. Mobile Registration 004, Registration Empty Password, Severity 1
B. Open mobile application. Click register. Enter values in all the fields except for the password. Click register.
C. Registration should not be successful.

A. Mobile Registration 005, Registration Empty Name Field, Severity 1
B. Open mobile application. Click register. Enter values in all the fields except for the name. Click register.
C. Registration should not be successful.

#3: Profile Page Info
1. **Functional**
   A. Profile Page Info 001, Profile Information, Severity 2
   B. Log into mobile application. Application should redirect to user's profile.
   C. The user's name, picture, and description should be visible and accurate.

#4: Social Media - LinkedIn
2. **Functional**
   A. LinkedIn 001, LinkedIn Existing Handle, Severity 2
   B. Log into mobile application. Application should redirect to user's profile. Click on "Linkedin" under "Social Media".
   C. LinkedIn application should open, with the user's profile automatically loaded.
3. **Equivalence Class**
   A. LinkedIn 002, LinkedIn Incorrect Handle, Severity 2
   B. Log into mobile application. Application should redirect to user's profile. Ensure user's LinkedIn handle does not exist. Click on "Linkedin" under "Social Media".
   C. LinkedIn application should not open to an existing profile.
4. **Boundary Value**
   A. LinkedIn Handles 003, LinkedIn No Handle, Severity 2
   B. Log into mobile application. Application should redirect to user's profile. Ensure user does not have existing LinkedIn handle. Click on "Linkedin" under "Social Media".
   C. LinkedIn application should not open to an existing profile.

#5: Social Media - Facebook
5. **Functional**
   D. Facebook 001, Facebook Existing Handle, Severity 2
   E. Log into mobile application. Application should redirect to user's profile. Click on "Facebook" under "Social Media".
   F. Facebook application should open, with the user's profile automatically loaded.
6. **Equivalence Class**
   A. Facebook 002, Facebook Incorrect Handle, Severity 2

B. Log into mobile application. Application should redirect to user's profile. Ensure user's Facebook handle does not exist. Click on "Facebook" under "Social Media".

C. Facebook application should not open to an existing profile.

7. Boundary Value

D. Facebook Handles 003, Facebook No Handle, Severity 2

E. Log into mobile application. Application should redirect to user's profile. Ensure user does not have existing Facebook handle. Click on "Facebook" under "Social Media".

F. Facebook application should not open to an existing profile.

#6: Social Media - Instagram

8. Functional

A. Instagram 001, Instagram Existing Handle, Severity 2

B. Log into mobile application. Application should redirect to user's profile. Click on "Instagram" under "Social Media".

C. Instagram application should open, with the user's profile automatically loaded.

9. Equivalence Class

A. Instagram 002, Instagram Incorrect Handle, Severity 2

B. Log into mobile application. Application should redirect to user's profile. Ensure user's Instagram handle does not exist. Click on "Instagram" under "Social Media".

C. Instagram application should not open to an existing profile.

10. Boundary Value

A. Instagram Handles 003, Instagram No Handle, Severity 2

B. Log into mobile application. Application should redirect to user's profile. Ensure user does not have existing Instagram handle. Click on "Instagram" under "Social Media".

C. Instagram application should not open to an existing profile.

#7: Edit Profile

1. Functional

A. Edit Profile 001, Successfully Edit Profile, Severity 2

B. Log into mobile application. Click "Edit Profile". Change profile picture, description, and social media handles. Click "Save".

C. Profile should show updated profile picture and description. Social media links should redirect to updated handles.

2. Equivalence Class

A. Edit Profile 002, Edit Profile, Severity 2

B. Log into mobile application. Click "Edit Profile". Change profile picture, description, and social media handles. Click "Cancel".

C. Profile should show previous profile picture and description. Social media links should redirect to previous handles.

3. Boundary Value

A. Edit Profile 003, Edit All Aspects of Profile, Severity 2

B. Log into mobile application. Click "Edit Profile". Change profile picture, description, and social media handles. Click "Save".

C. Profile should show updated profile picture and description. Social media links should redirect to updated handles.

A. Edit Profile 004, Edit No Aspects of Profile, Severity 2
B. Log into mobile application. Click "Edit Profile". Change nothing. Click "Save".
C. Profile should show previous profile picture and description. Social media links should redirect to previous handles.

#8: QR Scanning – Connecting
1. **Functional**
   A. QR Connecting 001, Connection Success, Severity 1
   B. Log into mobile application. Click "Connect" in navigation bar. Scan valid Cloud Network QR code. Dialog should pop up, asking if the user wishes to connect. Select "Yes".
   C. Other user should appear in "Network" tab of application.

   A. QR Connecting 002, Connection Rejected, Severity 1
   B. Log into mobile application. Click "Connect" in navigation bar. Scan valid Cloud Network QR code. Dialog should pop up, asking if the user wishes to connect. Select "No".
   C. Other user should not appear in "Network" tab of application.
2. **Equivalence Class**
   A. QR Connecting 003, Connection Already Added, Severity 2
   B. Log into mobile application. Click "Connect" in navigation bar. Scan valid Cloud Network QR code of another user already in user's network.
   C. Dialog should appear, saying "Already connected".
3. **Boundary Value**
   A. QR Connecting 004, Connection Add Self, Severity 2
   B. Log into mobile application. Click "Connect" in navigation bar. Using a different phone, log in to the same account. Scan the QR code on the second phone with the first.
   C. Dialog should pop up, saying "Cannot add yourself".

   A. QR Connecting 005, Connection Invalid Code, Severity 2
   B. Log into mobile application. Click "Connect" in navigation bar. Scan QR code not associated with Cloud Network.
   C. Dialog should pop up, saying "Stranger does not exist".

#9: QR Scanning – Event
1. **Functional**
   A. QR Event 001, QR Event Success, Severity 1

B. Log into mobile application. Click "Network" in navigation bar. Click "Add Events" in the top right of the screen. Scan a valid QR code for a Cloud Network event. Pop up should appear, asking if the user wants to add this event. Click "Yes".

C. Event should be added to top of user's event list. User should be checked into event as an attendee.

A. QR Event 002, QR Event Rejection, Severity 1

B. Log into mobile application. Click "Network" in navigation bar. Click "Add Events" in the right top right of the screen. Scan a valid QR code for a Cloud Network event. Pop up should appear, asking if the user wants to add this event. Click "No".

C. Event should not appear in user's event list. User should not be checked in as an attendee.

2. **Equivalence Class**
   A. QR Event 003, Event Already Added, Severity 2
   B. Log into mobile application. Click "Network" in navigation bar. Click "Add Events" in the right top right of the screen. Scan a valid QR code for a Cloud Network event that the user has already checked in for.
   C. Pop up should appear, saying "Event already added".

3. **Boundary Value**
   A. QR Event 004, QR Event Invalid Code, Severity 2
   B. Log into mobile application. Click "Network" in navigation bar. Click "Add Events" in the right top right of the screen. Scan a QR code not associated with Cloud Network.
   C. Dialog should pop up, saying "Event not found!"

#10: QR Scanning – Moderator

1. **Functional**
   A. Moderator 001, Moderator Add Participant Success, Severity 1
   B. Log into mobile application. Click "Event List" in navigation bar. Select event for which user is moderator. Click "Add Participant". Scan valid Cloud Network QR code for a different user.
   C. Pop up should appear, saying "Participant scanned!"

2. **Equivalence Class**
   A. Moderator 002, Moderator Add Existing Participant, Severity 1
   B. Log into mobile application. Click "Event List" in navigation bar. Select event for which user is moderator. Click "Add Participant". Scan valid Cloud Network QR code for a different user that has already checked into the event.
   C. Pop up should appear, saying "Participant already scanned!"

3. **Boundary Value**
   A. Moderator 003, Moderator Invalid QR Code, Severity 2
   B. Log into mobile application. Click "Event List" in navigation bar. Select event for which user is moderator. Click "Add Participant". Scan QR code not associated with Cloud Network.
   C. Pop up should appear, saying "User not found".

#11: Events Tab
  1. **Functional**
     A. Events Tab 002, View Event Info As Attendee, Severity 1
     B. Log into mobile application. Make sure user has been added or checked into at least two events. Click "Event List" in navigation bar and select an event.
     C. In event list, events should be shown in chronological order with the event title and a picture of its QR code. After selecting event from event list, application should show event page. Event page should display the event QR code, event title, date of the event, event location, and its description.

     A. Events Tab 003, View Event Info As Admin/Moderator, Severity 1
     B. Log into mobile application. Make sure user has been added or checked into at least two events. Click "Event List" in navigation bar and select an event.
     C. In event list, events should be shown in chronological order with the event title and a picture of its QR code. After selecting event from event list, application should show event page. Event page should display the event QR code, event title, date of the event, event location, and its description. There should also be an "Add Participant" button on event page.
  2. **Equivalence Class**
     A. Events Tab 004, View Event Info, Severity 1
     B. Log into mobile application. Make sure user has been added or checked into at least two events. Click "Event List" in navigation bar and select an event.
     C. In event list, events should be shown in chronological order with the event title and a picture of its QR code. After selecting event from event list, application should show event page. Event page should display the event QR code, event title, date of the event, event location, and its description. If logged in from the admin/moderator account, there should also be an "Add Participant" button on event page.
  3. **Boundary Value**
     A. Events Tab 001, View Empty Event List, Severity 3
     B. Log into mobile application. Make sure user has not been added or checked into any events. Click "Events List" in navigation bar.
     C. Application should show empty event list with "Add Event" button in the top right of the screen.

#12: Network Tab
  1. **Functional**
     A. Network 001, View Network, Severity 1
     B. Log into mobile application. Make sure user has connected with at least one other user. Click "Network" in navigation bar. Select a user. Application should redirect to selected user's profile. Click on a social media link on the selected user's profile.
     C. On the user profile, screen should show selected user's full name, profile picture, description, and three social media links. "Edit Profile" option should not exist. After clicking a social media link on the selected user's profile, application should redirect to the selected user's page for its respective social media platform.

  A. Network 002, Exit Network Profile, Severity 1

  B. Log into mobile application. Make sure the user has connected with at least one other user. Click "Network" in navigation bar. Select a user. Click "Back".

  C. Application should redirect to "Network" page.

2. Equivalence Class

  A. Network 003, Network Page, Severity 1

  B. Log into mobile application. Make sure user has connected with at least one other user. Click "Network" in navigation bar. Select a user. Application should redirect to selected user's profile. Click on a social media link on the selected user's profile.

  C. On the user profile, screen should show selected user's full name, profile picture, description, and three social media links. "Edit Profile" option should not exist. After clicking a social media link on the selected user's profile, application should redirect to the selected user's page for its respective social media platform.

3. Boundary Value

  A. Network 004, View Empty Network, Severity 1

  B. Log into mobile application. Make sure user has connected with no other users.

  C. The network page should be empty and shouldn't show anything.

#13: Log Out

1. Functional

  A. Log Out 001, Log Out, Severity 1

  B. While logged into mobile application, go to profile. Click "Log Out" on the top left corner of the screen.

  C. User should be redirected to log in page and no longer have access to information in their account.

#14: Admin Create Event

1. Functional

  A. Create Event 001, Successfully Create an Event, Severity 1

  B. Log into the website. Click the new event option. Enter all the information for the new event.

  C. The new event should be the active event on the screen. If the user logs out and logs back in, the new event should be displayed.

2. Equivalence Class

  A. Create Event 002, Create an Event, Severity 1

  B. Log into the website. Click the new event option. Enter all the information for the new event.

  C. The new event should be the active event on the screen. If the user logs out and logs back in, the new event should be displayed.

3. Boundary Value

  A. Create Event 003, Incomplete Information, Severity 1

B. Log into the website. Click the new event option. Enter the information for the new event, but leave out some of the fields.

C. The new event should be the active event on the screen. If the user logs out and logs back in, the new event should be displayed. The empty fields should be left empty.

A. Create Event 004, Incorrect Date, Severity 1
B. Log into the website. Click the new event option. Enter all the information for the new event. Enter a date that has passed already.
A. The new event should not be created.

#15: Admin Update Event

4. **Functional**
   A. Update Event 001, Successfully Update Event, Severity 1
   B. Log into the website. Select the desired event. Click on the edit event button. Enter the new information. Click save.
   C. The new information should be stored and displayed on the screen.

5. **Equivalence Class**
   A. Update Event 002, Update Event, Severity 1
   B. Log into the website. Select the desired event. Click on the edit event button. Enter the new information. Click save.
   C. The new information should be stored and displayed on the screen.

6. **Boundary Value**
   A. Update Event 003, Empty fields, Severity 1
   B. Log into the website. Select the desired event. Click on the edit event button. Enter the new information, but leave some of the fields empty. Click save.
   C. The new information should not be stored and the previous information should be displayed on the screen.

   A. Update Event 001, Incorrect Date, Severity 1
   B. Log into the website. Select the desired event. Click on the edit event button. Enter the new information, but enter a date that has already passed. Click save.
   C. The new information should not be stored and the previous information should be displayed on the screen

#16: Admin Add Moderator

7. **Functional**
   A. Add Moderator 001, Successfully add new Moderator, Severity 2
   B. Select the desired event. Enter the username of an existing user. Click the add button.
   C. That user should show up as a moderator, participant and attendee. If the admin logs out and then logs back in, this change will stay in the system.

8. **Equivalence Class**
   A. Add Moderator 002, Add new Moderator, Severity 2
   B. Select the desired event. Enter the username of an existing user. Click the add button.

C. That user should show up as a moderator, participant and attendee. If the admin logs out and then logs back in, this change will stay in the system.

9. Boundary Value
- A. Add Moderator 001, Username that doesn't exist, Severity 2
- B. Select the desired event. Enter the username of a user that doesn't exist. Click the add button.
- C. That user should not show up as a moderator, participant and attendee.

- A. Add Moderator 001, Empty Input, Severity 2
- B. Select the desired event. Leave the area for adding the moderator blank. Click the add button.
- C. There should be no changes in the webpage.

#17: Admin Remove Moderator

10. Functional
- A. Remove Moderator 001, Successfully remove Moderator, Severity 2
- B. Select the desired event. Click the ('X') button next to the user you want to remove from the moderator's list.
- C. That user should no longer show up as a moderator, but will still show up as a participant and attendee. If the admin logs out and then logs back in, this change will stay in the system.

11. Equivalence Class
- A. Remove Moderator 002, Remove Moderator, Severity 2
- B. Select the desired event. Click the ('X') button next to the user you want to remove from the moderator's list.
- C. That user should no longer show up as a moderator, but will still show up as a participant and attendee. If the admin logs out and then logs back in, this change will stay in the system.

12. Boundary Value
- A. Remove Moderator 001, Error removing Moderator, Severity 2
- B. Select the desired event. Click the ('X') button next to the user you want to remove from the moderator's list.
- C. That user should still show up as a moderator.