

Test Plan

Internet 001: Internet Connected, Severity 1

Action: Open app from home screen. Check for internet connection.

Result: Internet is connected. Display no errors and continue.

Internet 002: Internet Not Connected, Severity 1

Action: Open app from home screen. Check for internet connection.

Result: Internet is not connected. Display banner stating that app is offline. Load user's profile information from cache. If user tries to access internet required pages, display errors.

Login 001: Valid Username and Password, Severity 1

Action: Enter valid username and password. Press 'login' button.

Result: Username and password is authenticated, change view to user dashboard.

Login 002: Invalid Username, Severity 1

Action: Enter invalid username and any password. Press 'login' button.

Result: Error message displayed saying that 'username' is not a registered user.

Login 003: Invalid Password, Severity 1

Action: Enter valid username and invalid password. Press 'login' button.

Result: Error message displayed saying that credentials are not valid.

Login 004: Empty Username, Severity 1

Action: Leave 'username' empty. Optionally put in a password. Enter Press 'login' button.

Result: Error message displayed saying that 'username' is required.

Login 005: Empty Password, Severity 1

Action: Leave 'password' empty. Optionally put in a username. Press 'login' button.

Result: Error message displayed saying that 'password' is required.

Login 006: Empty Username and Password, Severity 1

Action: Leave 'username' and 'password' empty. Press 'login' button.

Result: Error message displayed saying that 'username' and 'password' are required.

Social Media 001: Social Media links are displayed, Severity 1

Action: Tap on a user's profile.

Result: User's social media links are visible on the profile view.

Social Media 002: Social media links are actionable, Severity 2

Action: Tap on a social media link on a user's profile.

Result: Pop-up displayed 'Open in "Social Media"?'

Social Media 003: Social media links lead to correct app, Severity 3

Action: Tap on a social media link on a user's profile.

Result: Phone switches to the correct social media application.

Camera 001: Ask for Camera Access, Severity 1

Action: Press 'Scan QR' button or 'Take Profile Picture' button.

Result: Pop-up requesting permission for app to use camera

Camera 002: Camera Access Denied, Severity 1

Action: Press 'Scan QR' button or 'Take Profile Picture' button.

Result: Pop-up stating camera permission was denied and to change in phone settings.

Camera 003: Camera Access Approved, Severity 1

Action: Press 'Scan QR' button or 'Take Profile Picture' button.

Result: QR Scanner or Camera opens depending on requested functionality.

QR Scanner 001: Scan as an Event Runner, Severity 1

Action: Scan QR code.

Result: User is checked into the event.

QR Scanner 002: Scan as an User, Severity 1

Action: Scan QR code.

Result: User profile associated with QR code is opened and added to user's connections.

QR Scanner 003: Bad QR Code, Severity 3

Action: Scan QR code.

Result: Pop-up message stating QR code is invalid.

Edit User Profile 001: Access Edit Profile View, Severity 1

Action: Prompted to enter information from registering as new user or clicking "Edit Profile" in app.

Result: Takes user to Edit Profile View and prepopulate it with any existing information.

Edit User Profile 002: Editing Profile View, Severity 1

Action: Profile View should register any changes made to provided information upon hitting "Save" button.

Result: Start verification on all fields to make sure information is not corrupt/invalid.

Edit User Profile 003: Verification on Edit, Severity 2

Action: Run verification tests on input data.

Result: If verified, any new information in the current session overwrites/updates existing information.

Edit User Profile 004: Bad Profile Information, Severity 2

Action: Information is corrupt/invalid.

Result: Display pop-up notifying user which fields are invalid and return to current session with saving any data.

Edit User Profile 005: Sync Profile Information from Servers, Severity 2

Action: Saving changes made to user profile.

Result: Should attempt to update database on administrator servers. If no Internet connection, will queue the update when connection is restored.

Edit User Profile 006: Cancel Button Prompt, Severity 1

Action: Hitting back button on phone or "Cancel" button on screen.

Result: Pop-up that asks user if they wish to discard changes with options "Discard" and "Continue Editing".

Edit User Profile 007: Discard Changes, Severity 1

Action: Clicking "Discard" on cancel button pop-up.

Result: Returns user to "Main View" and discards any changes they made in that session.

User Profile 001: Access Profile, Severity 1

Action: Click "Profile" tab/button.

Result: Displays Profile View prepopulated with user's information.

User Profile 002: Display QR code, Severity 1

Action: Scroll down in Profile View.

Result: Display a scannable QR code unique to the current user.

Registration 001: Registration View, Severity 1

Action: Press 'Register New User' button on Login View.

Result: View changes to Registration View.

Registration 002: Username Exists, Severity 1

Action: Enter in a 'username' in field. Exit focus on field.

Result: Service verifies that if username is taken or not.

Registration 003: Username is Empty, Severity 1

Action: Leave 'username' field blank. Exit focus on field.

Result: Error message displayed saying that 'username' is empty.

Registration 004: Password Length does not meet minimum, Severity 3

Action: Enter a password with length less than minimum. Exit focus on field.

Result: Error message displayed saying that 'password' is not long enough

Registration 005: Password is Empty, Severity 1

Action: Leave 'password' field blank. Exit focus on field.

Result: Error message displayed saying that 'password' is empty.

Registration 006: Validate Password does not match, Severity 1

Action: Enter a string into 'Valid Password' field that does not match 'Password' field.

Result: Error message displayed saying passwords do not match.

Registration 007: Create account success, Severity 1

Action: Press 'create account' button.

Result: If fields are valid, pop-up saying account creation successful, taken back to Login View.

Registration 008: Create account failure, Severity 1

Action: Press 'create account' button.

Result: If fields are not valid, pop-up saying there are errors on the form. Stay on Registration View.

Profile Picture 001: Set a profile picture, Severity 2

Action: On Edit Profile View, press 'Add/Edit Profile Picture' button.

Behavior: Prompt asking to take from camera roll or new photo appears.

Profile Picture 002: New Photo, Severity 2

Action: New photo option from prompt is selected.

Result: Camera application opens.

Profile Picture 003: Existing Photo, Severity 2

Action: Existing photo option from prompt is selected.

Result: Camera roll opens up to select an existing picture.

Profile Picture 004: Verify Photo, Severity 2

Action: Photo is taken or selected within the camera application.

Result: Photo is displayed to user and prompted if it is okay to use. Profile Picture is set, if yes.

Event View 001: Event Information Displayed, Severity 1

Action: Press event link.

Result: View changes to Event View with information of event associated with it displayed.

Event View 002: Event Attendees Displayed, Severity 1

Action: Press 'Attendees' tab.

Result: Attendees whose QR codes have been scanned by an Event Organizer is displayed.

Event View 003: Event Pictures Displayed, Severity 2

Action: Press 'Pictures' tab.

Result: Pictures associated with the event are displayed.

Event View 004: Event Sponsors Displayed, Severity 2

Action: Press 'Sponsors' tab.

Result: Sponsors associated with the event are displayed.

Event View 005: Withdraw from Event, Severity 2

Action: Press 'Withdraw from Event' button

Result: Removes association between user and event. User's QR code cannot be scanned for the event.

Push Notifications 001: Able to broadcast, Severity 2

Action: Enter push notification information. Press 'Send Push Notification' button.

Result: Push notification is broadcasted to subscribed users.

Push Notifications 002: Able to be received, Severity 2

Action: Push notification is broadcasted by event organizer or sponsor.

Result: Push notification is received and displayed on user's device.

Push Notifications 003: Able to toggle, Severity 3

Action: Toggle push notifications from Settings View.

Result: If disabled, user should not receive push notifications.

History 001: Event History View, Severity 2

Action: Press 'Event History' button from Dashboard View.

Result: Change to History View.

History 002: Actionable Items, Severity 2

Action: Press any event on the History View.

Result: Change to associated Event View.