**OpenComm design review**

**Account creation**

* If user does not already have an account, he/she can press on the ‘sign up’ button which leads to the account creation page
* User inputs (\* denotes required field)
  + First name\*
  + Last name\*
  + Email\*
  + Password \* (with another text field to confirm password)
  + Photo
    - User taps + button and brings up native photo upload/capture options
    - Once a photo has been uploaded the image will appear as an overlay on top of the + button
  + Title (ex. Program manager, developer, etc)
* Display an error message when
  + Required fields are empty
  + Email is not valid
  + Any text input is not valid (SQL injection, numbers for names, etc)
  + Passwords do not mach
  + Email is already in our database
* Once information has been submitted, an email will be sent out to the user with login information
* User will be taken back to login screen and a tip will appear saying that an email has been sent with account info

**Login**

* Error messages when
  + User inputs incorrect username or password
  + Cannot press button if inputs are missing
* After logging in
  + Display screen with OpenComm logo and login text
* When user taps on ‘forgot your password?’
  + Similar page as login except there is no password field
  + ‘login’ button is now ‘reset password’
  + Same error message as login screen if email is not in out database
  + If email address is valid, send an email with a randomly generated password
  + After email is sent, go back to login screen and display a tip saying that an email has been sent with a new password

**Main page**

* Contacts (no specs yet)
* Conferences
* Account
* Logout (self-explanatory)
* Start conference

**Start conference**

* Inputs
  + Name of conference
  + Date once user taps on calendar (user date picker widget)
  + Time (time picker widget)
  + Recurring (spinner widget)
    - Only once (default)
    - Every day
    - Every week
    - Every 2 weeks
    - Every month
    - Every year
  + Adding people (select conference button)
    - Option to select from contact list or by email address
    - Pressing x on the right will remove the contact from the invitation list
* Clicking “create” will send an invitation email to everyone, which displays all conference information (title, start time, end time, participants, etc)
* Whoever creates the conference is the moderator of the conference and will be given administrative rights during the conference
* Although the start time should be strictly followed, the conference does not need to end at the end time
* Should not be able to create a conference without valid input
  + dates in the past, improper ranges, etc.

**Conferences (list)**

* Infinitely scrollable list of all future conferences
* Conference happening next will be displayed at the top
* + button will let user add a new conference
* Choose date
  + Arrows to go between next and previous date (exception: can’t go to past dates)
  + Can pick a specific date (native date picker)
  + First scheduled conference for the date you are looking at will be at the top of the list
  + If there are no scheduled conferences for the day, position in list will not change
* Info displayed (collapsed)
  + Name of conference
  + Date
  + Start time
  + Short list of attendees (ex. Ashley Sams, Joey Triska, and 3others)
* Additional info displayed (expanded)
  + End time
  + All attendees
* If user presses edit button (pencil icon in expanded view):
  + User will be taken to a page identical to the add conference page (except all fields will be filled out already)
  + Once info has been edited all invitees in the conference will get an email notification
  + Once the person who created the conference can edit it

**Account**

* Once registered, the user has the ability to view and edit account information
* The look and feel of the account edit page is same as that of the create account page, except the email address is non-editable and is grayed out
* All other fields are already filled out but can be edited

**Joining a conference**

* When a conference starts a horizontal button (right above the create conference) will appear with the name of the conference and a short list of participants
* The horizontal button will remain on the screen until the conference ends

**Conference space**

* Your location is at the bottom center of the screen (as indicated by the sound wave icons)
* People in the conference with you are represented as square icons with their picture and name on the bottom
  + These icons can be moved around and represent the point in space where their voice comes from
* Once an icon is moved from point A to B on the screen, audio will be updates after the user lifts finger
* Whoever is speaking will have a "halo" highlight to his/her icon the same color as their border
* Whichever conversation the user is in will have the same border, colored off white
* Icons for conversations (main and side) are at the bottom
* Within the icon, there are smaller colored squares that represent which users are in the particular conversation

**Side conversation**

* Two side conversations to the left and right of the main conference
* To add someone to the side conversation, you can lasso icons and then drag them into a side chat icon
  + When user touches a blank area and drags, it will draw a line
  + If the line goes through any icon, the icon will become lassoed
  + If the user drags a lassoed icon, a semi-transparent ‘ghost’ icon will be moved around rather than the original
    - If there are multiple icons that are lassoed, they will all be moved in the side conversation along with the icon being dragged
* After the lasso has been triggered, clicking on any blank area will get rid of the effect. Clicking and dragging will instead continue the operation to the user can highlight more icons.
* While the user is dragging icon(s), the lasso and line drawn through the icon will remain
* If the user either releases the ghost icon or adds the icon in a side conversation, the lasso and line will disappear
* Tapping on a side chat icon will bring you into the side chat

**Audio**

* If user is in the main conference, side chats will be heard from a single point sound from the far right or far left
* Can hear at maximum two conversations at once
  + If user is in the main conference, user will hear the last side conversation he/she was in
  + If user is in a side conversation, he/she will hear the main conference
* Audio for whichever conference you aren’t is at 50% of what it should be

**Errors**

* On a network error, the user will be taken back to the dashboard and kindly informed of an error by a tip.
  + Tip title: “an error has occurred”
  + Tip text: relevant information about the error, i.e. connection timeout, server error, etc
* When a user is disconnected from a conference:
  + The disconnected user will be informed by a loading GIF with text “searching for connection.”
  + The disconnected user’s icon will be greyed out on other user’s screen
  + If connection cannot be established for one minute, user is dumped to the dashboard.
  + Admin of conference should be informed via tip that they need to re-invite the user.