Group 9 Project Deliverable #6 Syed Shaban, Syed Mehdi, Oscar Franco, Brandon Gonzalez

I Implementation

Software Architecture

This prototype was made using React.js and CSS. There is no model, however, some elements are pseudo-functional with the help of React, such as the ability to add goals and edit profiles, but overall, this architecture follows the View-Model pattern.

Design Decisions

We decided to keep each page simple so the user won't be overwhelmed, yet visually appealing with the help of CSS. Our implementation is pretty straightforward. Initially, we wanted to make a fully functioning video calling page, however that was rendered too ambitious after a couple of tries. We drew inspiration from the original [start up](), while maintaining simplicity for those that may find it difficult to navigate through more complex pages.

Implementation Problems

While conducting user testing, users mostly had a problem with the lack of a model. Having the model would have helped the user see their goals displayed on the calendar as well as see results when they schedule a meeting or finish a meeting. The links on the footer are also there for design purposes, and don't actually guide the user to the places they should go to. Due to time constraints and our scope, this implementation also doesn't completely offer what the actual start-up offers, such as subscription plans, thereby doing a sort of injustice on the great people who have worked incredibly hard to make Flow-Club what it is today.

II User Testing

Introduction (Given to each user at the start of each test)

Hello, my name is [name], and today I am showing you our prototype for FlowClub. The aim of this start-up is to unite remote workers as well as improve their productivity and give them a sense of accomplishment at the end of their work sessions. This test will last around 10 minutes.

This app is an early prototype of a design concept. You're helping us by trying out this product in its early stages. We're looking for places where the product may be difficult to use. If you have trouble with some of the tasks, it's the product's fault, not yours. Don't feel bad, that's exactly what we're looking for. If we can locate the trouble spots, then we can go back and improve the product. Remember, we're testing the product, not you. Do you have any questions for me before we get started?

Pre-determined tasks for Users:

Task 1:
Get to homepage from landing page

Task 2:
Join any meeting as a host (from landing page)

Task 3:
Add a goal with medium priority to be completed by 4/18
Then Edit the goal
Then finish it

Task 4:
Get to profile and change the name to your name.
Add a bio

Task 5: (Optional task, not included in data logging)
Schedule a session for 04/19 at 12pm and make it a private session

Measuring Success
If the user is able to do the task unguided, in a reasonable amount of time, and doesn't veer off course too much, then the task will be deemed successful. Likewise, if the user needs help from us, or takes too long to complete the task, then it will be deemed unsuccessful.

User Testing Notes

User Interviewee #1:
Task 1: 16 seconds
Task 2: 5 seconds
- Controls, leave meeting, take break, chat for users
Task 3: 61 seconds
Task 4: 33 seconds
Task 5: n/a - added after this user interview
Notes:
- Spreadsheet, calendar
- Buttons to schedule session/ join session
- My goals, profile
- Going back to home page is a struggle
- Struggle to find edit profile (had to help)
- Change location of edit profile to around image

- Add a back button to goals

User Interviewee #2:

Task 1: 8 seconds
- Calendar schedule organized for the week
- Tasks on it already
- Not sure who added the calendar items
- Top bar
- Buttons on the right
- Learned that these are sessions
- Footer

Task 2: 120 seconds
- Joined meeting as a user, struggling to leave meeting
- Went back home, went to schedule session, created a session
- Tought process, clicked any session, did not see that he was regular user, looking for how to leave

Task 3: 59 seconds
- Went to my goals from home
- Clicked add goal button
- Typed in the date instead of calendar
- Edited goal pretty fast
- Change color on hover to edit goal

Task 4: 35 seconds
- Hard to see edit profile button

Task 5 35 seconds:
- Saw the button earlier
- Number of participants, is it maximum?Not obvious
- Presentation is a tag, not a functionality, so being next to invite only implies functionality change

Notes:
- Overall good
- Very good header

User Interviewee #3:

Task 1: 54 seconds
- No option but to log in
- Personally would use google
- Was surprised he had to log in after signing up
- First thing he saw was calendar
- Noticed nav bar

- Pretty straight forward
- Wasn't clear they were video meetings in the beginning (calendar)
- Update yourself?

Task 2: seconds
- Clicked join session
- Can make anyone full screen
- Assumed chat means DM to any user
- Users on each user?

Task 3: 55 seconds
- Went to my goals
- CLicked add goal button
- Wasn't obvious that clicking goal was editing (guessed)
- Unclicking without doing anything did not bring back to default goal
- Completed before edited

Task 4: 24 seconds
- Did not see button, gave up

Task 5: 26 seconds

Notes:
- Have good recommendations for users who have a hard time putting themselves out there

User Interviewee #4:

Task 1: 14 seconds
- Google login was confusing when they were redirected to search.

Task 2: 90 seconds
- Didn't read directions clearly, joined as user instead of host.
- Structure of host meeting screen is confusing

Task 3: 60 seconds
- Was really easy to navigate and use

Task 4: 10 seconds
- Easy to use and understand the only difficulty was finding the edit profile button.

General Notes:

User meeting layout was easier to understand than the host meeting layout, but its understandable that host are going to have more functionality.

User Interviewee #5

Task 1:10 seconds
- Login was easy.

Task 2:11 seconds
- Was really easy to navigate to the meeting page.

Task 3:80 seconds
- Had trouble adding goal and completing them wasn't clear.
Task 4:27 seconds
- Name placement was confusing because it wasn't grouped with the rest of the input fields.
General Notes:
Make the text in the buttons bigger

Data Logging: [Spreadsheet]() (click to view)

Summary of Results and Suggestions

Overall, most people have said that the user interface has been straightforward and appropriate. However, there have also been key areas that users were having trouble with. Going from the landing page to the homepage was largely successful due to the "Login" button being well placed. Joining a session was also very obvious as well from the homepage, but not many users took advantage of being able to join the meeting from the calendar. "My Goals" and "Profile" are the pages with the most need of improvement, as that is where the large number of failures were while conducting the user tests. Below are all of the suggestions that we have derived from the user tests to be implemented in our final implementation.

Login/Signup
- Making an account should take you to homepage
Homepage
- Calendar items should be labeled as video meetings
Goals
- Make each goal item interactive so it is more clear that you can edit the goal by clicking on it
- Add a back button from "Add a goal"
- Be able to back out from editing a goal
Meeting
- Each user component should not have a users tab in "Host meeting"
- Layout was confusing
Profile
- Edit profile button needs to be better placed.

Flow.Club Demo Script

Task	Action
The landing page shows header, footer, welcome text, welcome graphic and login button. Get to the sign in page from the landing page.	Click on the login button.
Show the create an account page, and go back to the sign in page.	Click on the "Don't have an account? Create one." button, then "Already have an account? Sign in."
Get to the homepage.	Type in an email and password, and click "Sign in."
Create a session.	Click Schedule Session, create a session, go back to the homepage.
Join a meeting as the host from the calendar.	Click the host meeting on the calendar to take you to the host meeting page.
Full screen one user.	Click 'Full Screen' next to any of the users.
Leave the meeting.	Click "Back To Meeting" and Leave Meeting.
Join a meeting as the user.	Click the "Join Session" button and join a meeting as a user.
Show Goals, Users, and chat.	Click through tabs on the top right of the screen.
Leave the meeting.	Click "Leave Meeting".
Get to the goal screen.	Click "My Goals"

Show the checkboxes that move each goal.	Click the checkbox to check or uncheck any goal.
Add a goal	Click add a goal and fill out the screen to add a goal, and click add goal.
Edit one of the existing goals.	Click on any of the goals to edit them.
Go to the profile.	Click My Profile on the Navbar.
Edit the profile.	Click Edit Profile and change the name to whatever you would like.
Go back to the homepage.	Click "Home" on Navbar.