

# Shane Wilkerson & Dante Carrizales

Swolemates: Mobile App for Reviewing Gyms

# Swolemates Overview



- Helps people find good local gyms based on real reviews from other gym-goers
  - Lets users share their own experiences so others know what to expect before going
  - Makes it easier to pick a gym that actually fits your goals and vibe
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# Our Setup

- Discord
- We updated each other a few times a week
- Communication was very easy because there's only two of us
- Google docs to help document everything

# Our environment

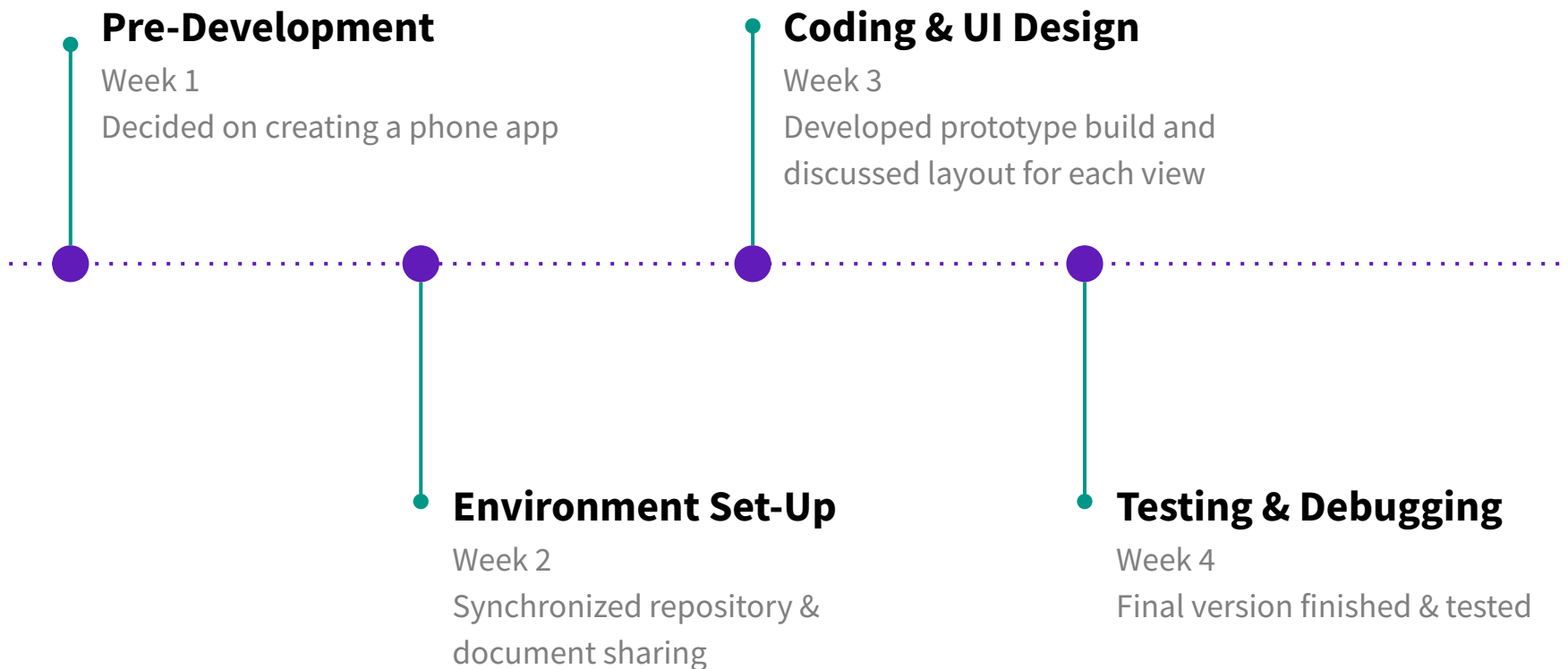
- React Native and Expo
  - Used to build the app and design the mobile interface
- SQLite
  - Used to store all of our data and allow persistent data
- Node
  - helps manage dependencies and run our development environment smoothly
- Github
  - No issues, just pushed to main after making changes

# Main Features

- Make and log in to an account
- Find gyms and leave reviews for others to see
- Ability to edit or delete reviews
- Cater to gym-goers

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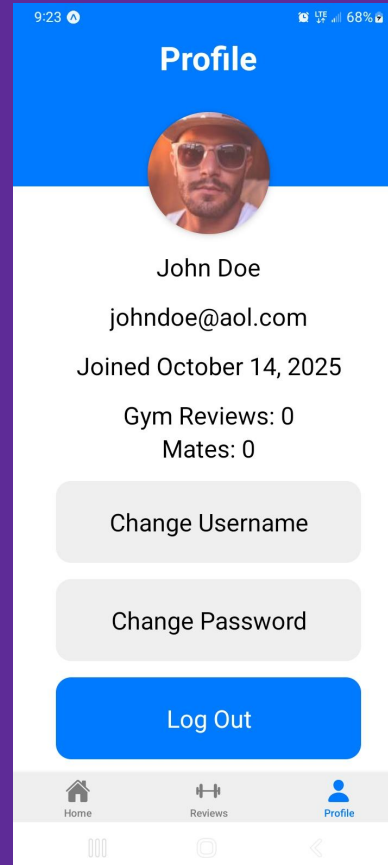
# Project Timeline



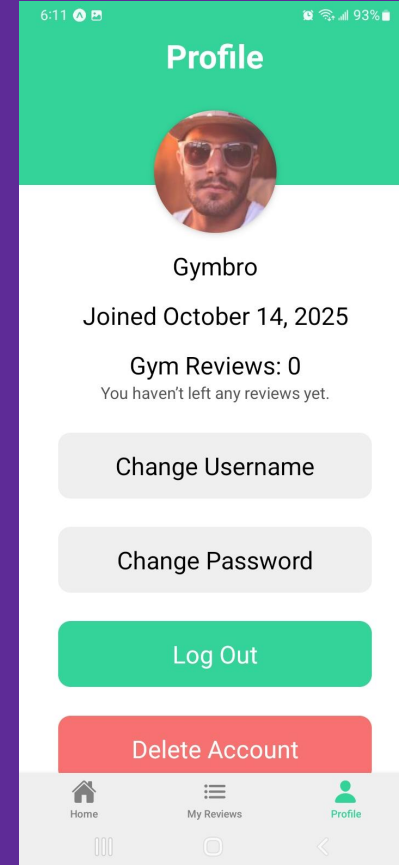
# Initial Design & Functionality (Profile View)

- Created prototypes for our profile view which showcased our plan to incorporate functional CRUD actions which could interact with our SQLite database.
- Change Username/Password = Update
- Log Out = Read
- Sign In (Not shown here) = Create
- Delete Account = Destroy

Version 1

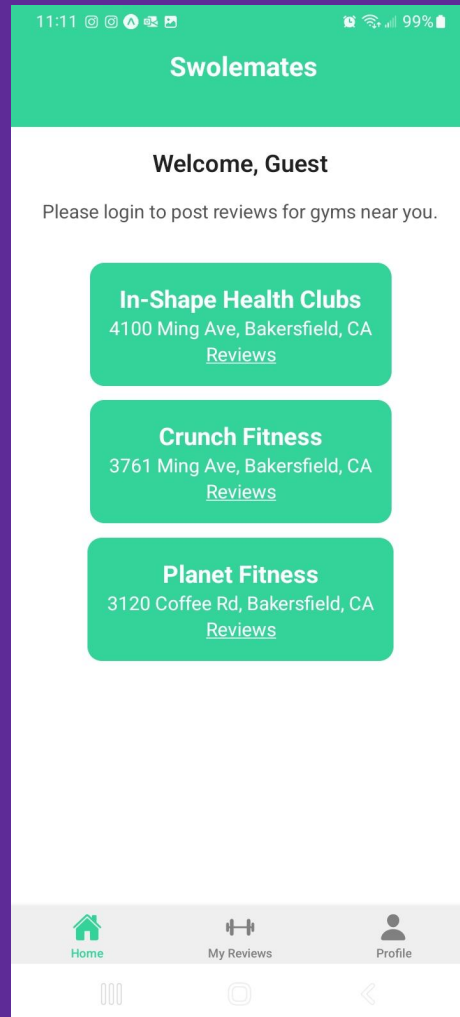


Version 2



# Initial Design & Functionality (Home View)

- Our initial plan was to create buttons which would display all reviews of the chosen gym.
- Each button would have unique IDs attached to each gym which would open up views containing a full list of reviews associated with the chosen gym.

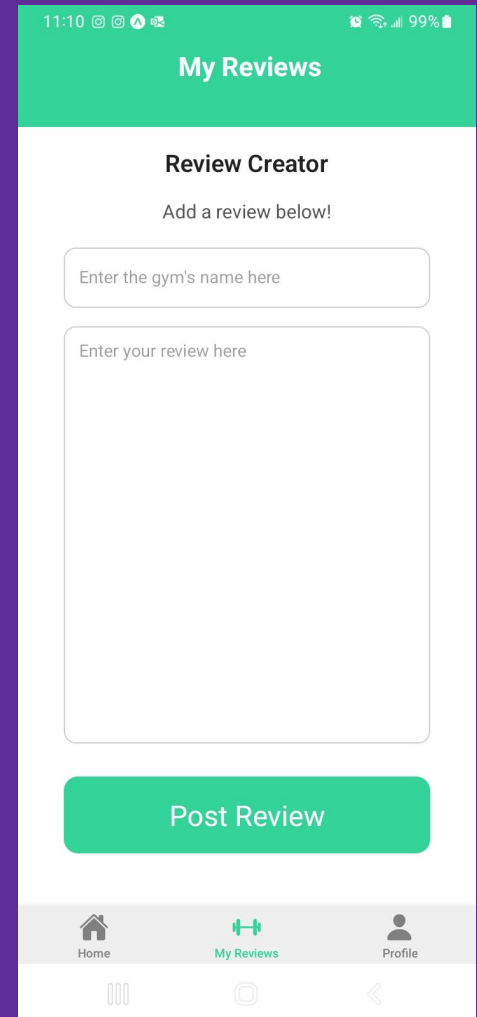




# Initial Design & Functionality

## (Reviews View)

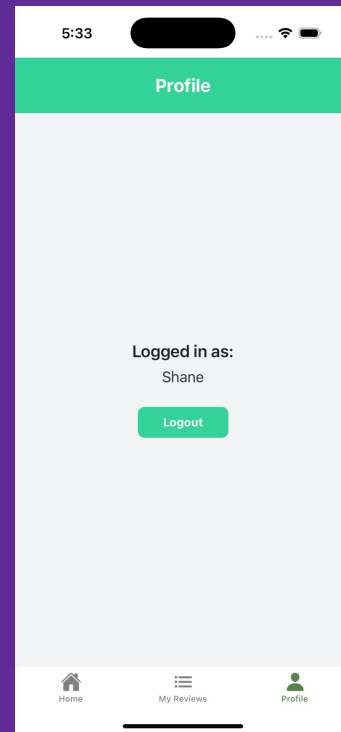
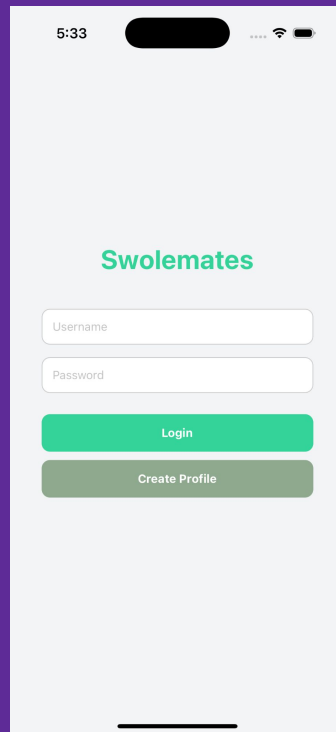
- The view shown to the right is an earlier prototype that would be incorporated in future versions which ended up being closer to the original plan for the layout and functionality.
- The original plan (revisited in our final version) involves displaying a list of the user's posted reviews with buttons allowing users to edit or delete their reviews.



# Final Design & Functionality (Profile View)

- Set up a login screen so users can sign in or create a profile
- Connected login info to our SQLite database so user data stays saved locally

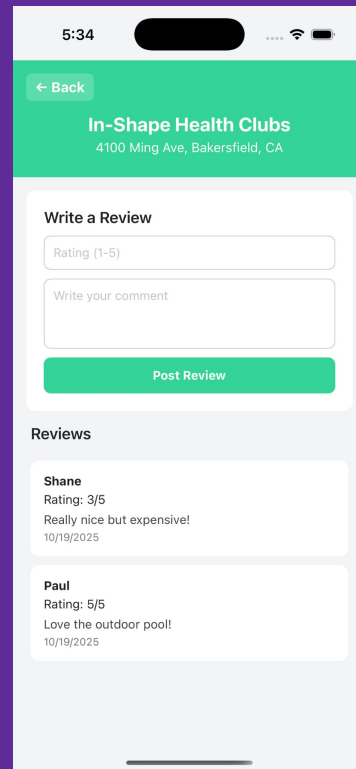
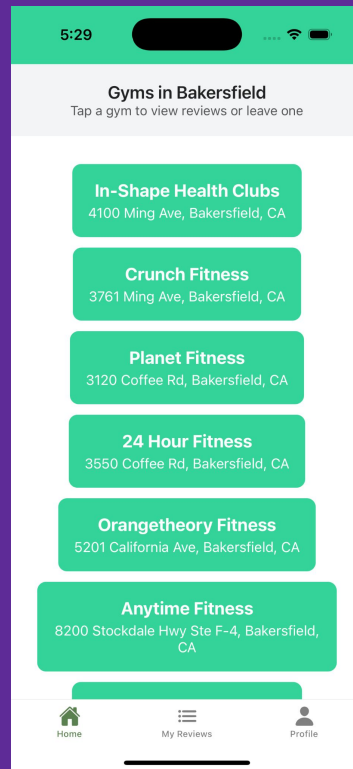
```
// check login info
const user = await profileLogin(username,
password);
if (user) {
  await AsyncStorage.setItem('currentUser',
JSON.stringify(user));
  router.replace('/(tabs)');
}
// create new user
await createProfile(username, password);
Alert.alert('You can now login!');
```



# Final Design & Functionality (Home View)

- Displays a list of local gyms for users to browse through
- The gyms are hardcoded into our database file, so they load instantly when the app starts

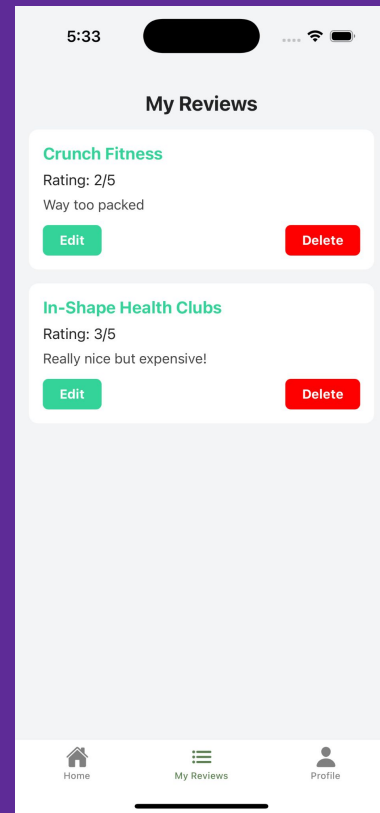
```
// load gyms when page opens
useEffect(() => {
  const fetchGyms = async () => {
    await inputGyms();
    const gymsFromDB = await loadGyms();
    setGyms(gymsFromDB);
  };
  fetchGyms();
}, []);
```



# Final Design & Functionality (Reviews View)

- Shows all the reviews made by the logged-in user in one place
- Added Edit and Delete buttons for each review, edit lets you change your rating or comment, and delete removes it completely

```
// load current user's reviews
useEffect(() => {
  const loadReviews = async () => {
    const userData = await
AsyncStorage.getItem("currentUser");
    const user = JSON.parse(userData);
    const data = await getUserReviews(user.id);
    setReviews(data);
  };
  loadReviews();
}, []);
```



# End Presentation

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