

Equipment Rental App

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Our Idea

- An app that allows users to rent equipment from other users.

Goals of Sprint 2

- Get Firebase running, begin integrating front/backend
- Implement auth flow
- Continue to build out functionality for our four main app screens
 - Account (Update users account)
 - Search (User can search for different equipments)
 - Favorite or Inquiry
 - History (can see rental history, able to cancel or edit order active order.)

Sprint backlog

Implemented react-redux for state managements.

Single Page AuthScreen

Add testing frameworks: Jest & Enzyme

As User I want to add or edit my items	4	1	2
As User I want to add product to my cart	2	1	2
As User I want to Submit My order	3	1	2
As User I want to see all my past orders	4	1	2
Connect app with backend - Auth feature	5	2	2

Reflection

- Good overall progress, better synchronization than first sprint
- Testing frameworks gave us hard time. In next sprint we will add test cases which listens for events like willFocus, willAppear, onButtonpress, we are currently learning Enzyme.
- Issues:
 - Cocoapods versioning between computers

Testing

Using Jest & Enzyme testing libraries.

Jest is a test runner or mocking library / Functions. While Enzyme provides additional testing functionality to interact with Elements.

Currently we are doing snapshot testing and if components are rendering or not.

Snapshot is like a picture of an entity at a given point in time.

Benefits of snapshot testing:

- If accidentally changed UI Layouts it fails.

- Forgot to import libraries. It fails.

For Sprint 3

- Instead of imageUrl we will ask user to take some pic of the equipment, also add description or video link on how to use.
- Be able to set up a time for pick up before placing an order.
- Able to see if equipment is available to rent or if equipment is currently rented by someone then when will it be available in future.
- Add a checkout screen where user can verify credit card information.
Able to add Insurance feature on checkout screen.
- Verification process before and after transactions.
- Hopefully integrate Stripe



Live Demo

