Overview

HackRPI is Rensselaer Polytechnic Institute's annual Hackathon, this year to support logistical operations and information dissemination during the event we are building an Event App.

Semester Goals
- Redesign UI Design
  - Follow Design Language Set out by the HackRPI Marketing Team.
  - Build Improvements to Usability of application.
- Build Event Mobile App using React Native with Expo Go
- Test and finalize backend queue system
  - Build simple API for cross platform access
- Implement Notification System
- Prepare to deploy to IOS & Android

Development Methods
- Concepting Completed in Figma
- Design Reviewed, details then packaged into Github Issues
- Issues assigned to available members of the Dev team
- PRs were reviewed by Raven & Charlie
- Additional Issues generated by assigned bug-hunters, after review these were then assigned

Acknowledgements
- HackRPI Marketing Team
- HackRPI Tech Team
- Rensselaer Center for Open Source

Conclusions
- Reimplemented Component Development Cycle to reduce redundant code creation
  - **Takeaway:** Less effective in combination with experimental individualized team structure.
- Experimented with more individualized work vs the focused sub-team structure from previous semesters
  - **Takeaway:**
- Progress made on individual pages, early development delays put us slightly behind schedule
  - **Takeaway:** Exhibit further caution in branch permissions

Queue Back-End

- **New Features:**
  - Login Functionality for Mentors
  - Experiment with Hacker Log In through OAuth 2.0, deemed unfeasible
  - Expanded Accessor API to allow Cross Platform Queue Access
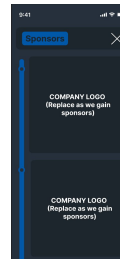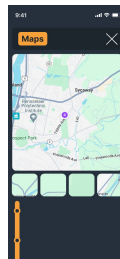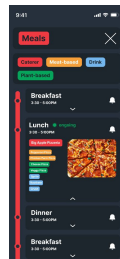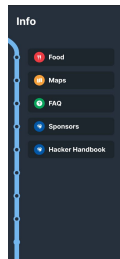- Further Testing Completed on Queue System

Mentor Queue Page (Mentor)

- **Information Hierarchy Improvements:**
  - Workshop room more clearly highlighted
  - Completed events now removed from view to prevent confusion
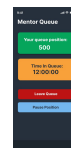- General theme updates

Info Pages

- Redesigned Info pages and page navigation
- **Meals:**
  - Simplified layout
  - Added typed menu sorting
- **Maps:**
  - Minimal Changes
- **FAQ:**
  - New!
  - Event focused questions
- **Sponsors:**
  - New!

Mentor Queue Page (Hacker/Mentor)

- Designed and built Hacker side of the Mentor Queue
- Made improvements to simplify queue entry process
- Simplified Queue waiting page

- **New mentor tools!**
  - Call for Backup
  - Pause Hacker
  - Queue Re-entry