Erasmus+ Coeliac Project – Food & Recipe Tracker

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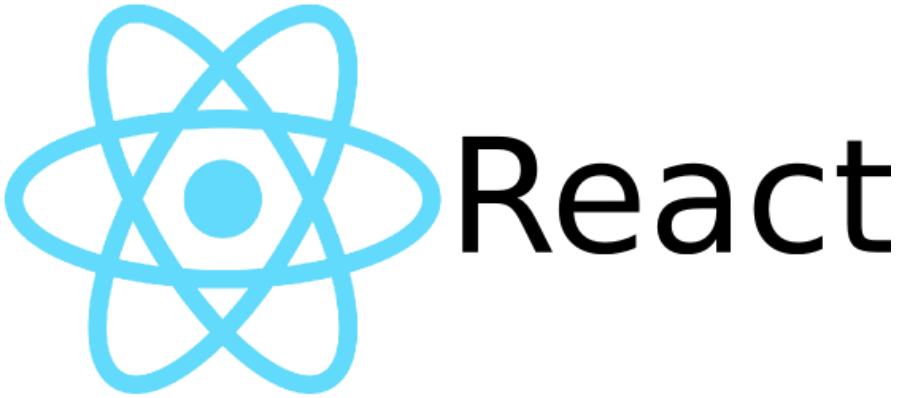
Project Overview

- Collaborative Project
  - Academia and Clinical practitioners (St Luke's, Seville)
  - Funded by the European Union - 2 year project
  - Cross discipline: Software Development, Games Design, UX/UI Design, Health
- Academic partners: IT Carlow, HvA Amsterdam, FHV Austria, UoS Seville
  - Lead by IT Carlow
- Project Goal:
  - Create an application to help teenagers with coeliac disease comply with their diet
    - Non compliance can cause severe long term symptoms

Project Overview

- Overall application will include:
  - GIP Test Reader
  - Symptom Tracker
  - Educational Quiz
  - Food & Recipe Tracker
- My role is to develop the food & recipe tracker
  - Shared database and API

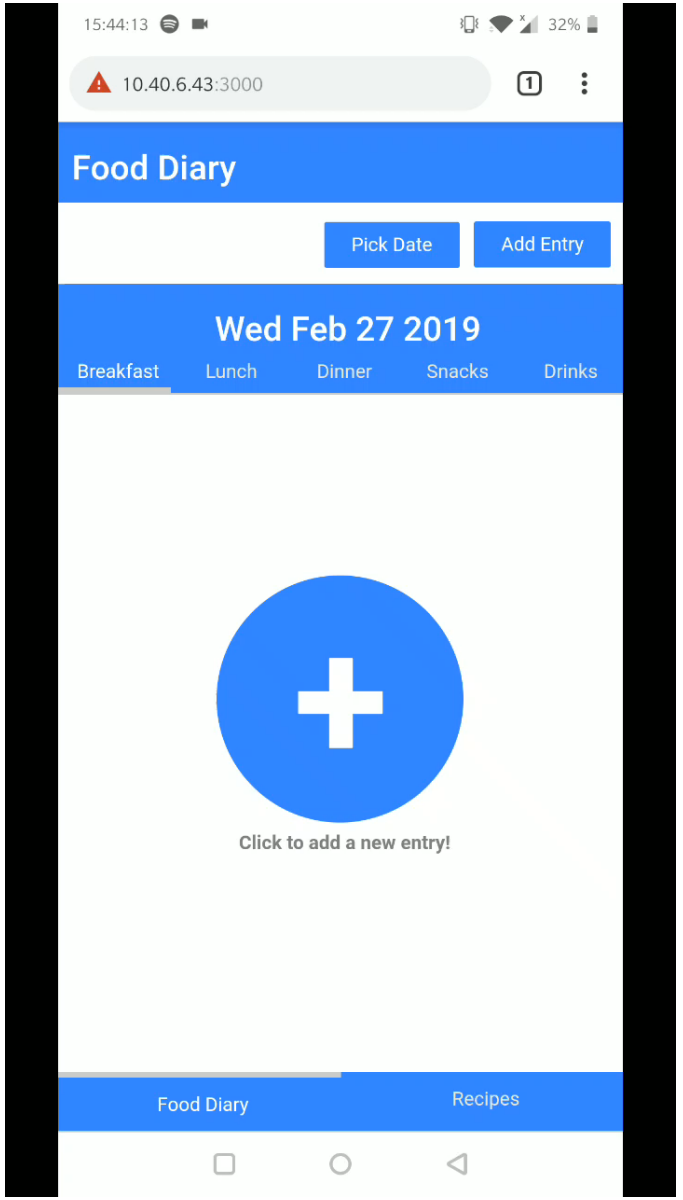
Technologies



Progress To Date

- Implemented Functionality:
  - Add, edit, delete food diary entries
  - Upload & download photos to the server
  - Loading animation
  - Database connected to front-end
- Python/Flask API Functionality:
  - All food diary API routes implemented

Progress To Date



Issues/Blocks

- Changing the focus of the project after the Amsterdam trip.
- Application was designed to be a mobile app.
- Late change from mobile to web based application.
- Some mobile components can be a challenge to replicate.
- React learning curve

Conclusion – Next Steps

- Continue building and refining the user interface
- Focus on building the recipes portion of the application – Bulk of the work
- Finish building the API routes for the recipes section
- Apply some feedback from recent Austria trip – Mostly UI refinement – Work on colour scheme & usability
- Quick add for the food diary
- General bug fixing

Thanks for listening.
Any questions?