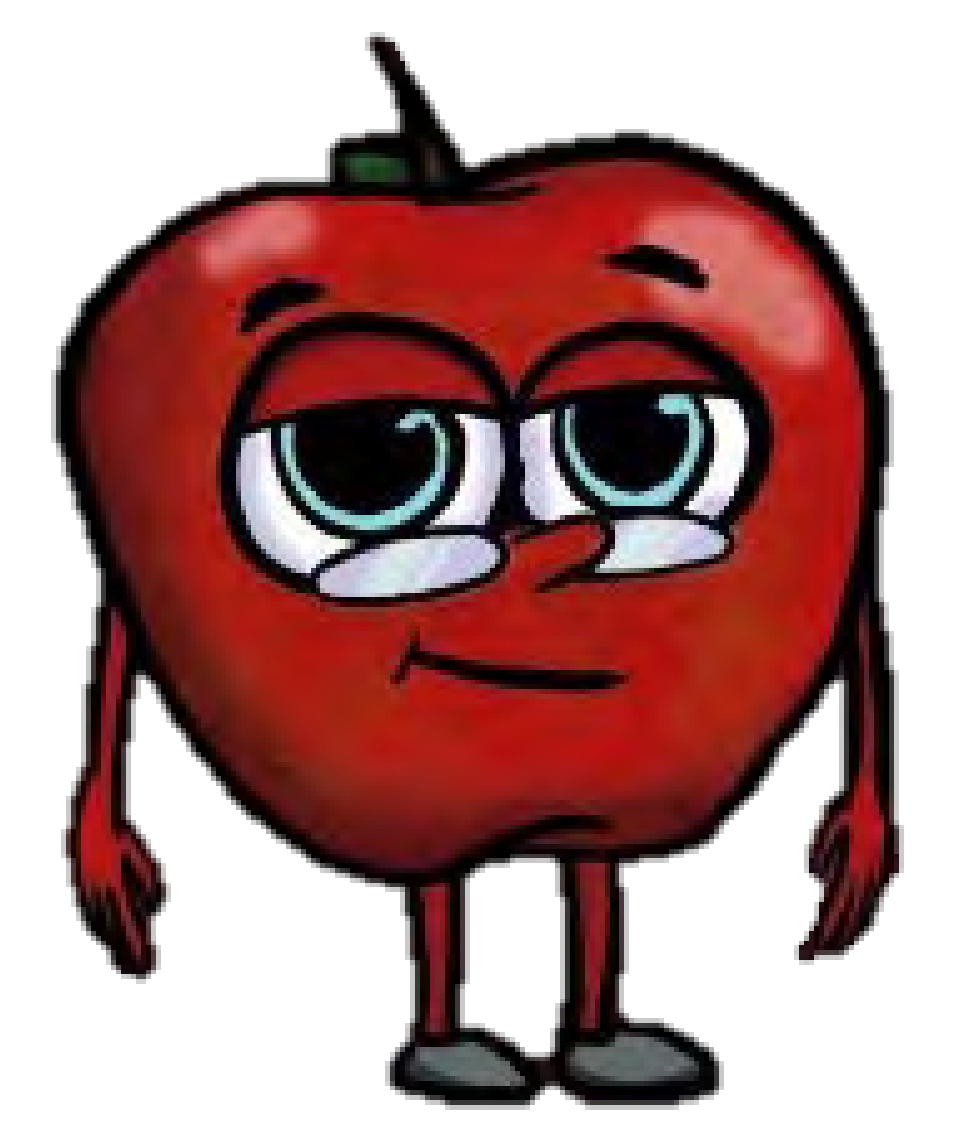# Eat Like the Rainbow: Phone Application
Team Runtime tError
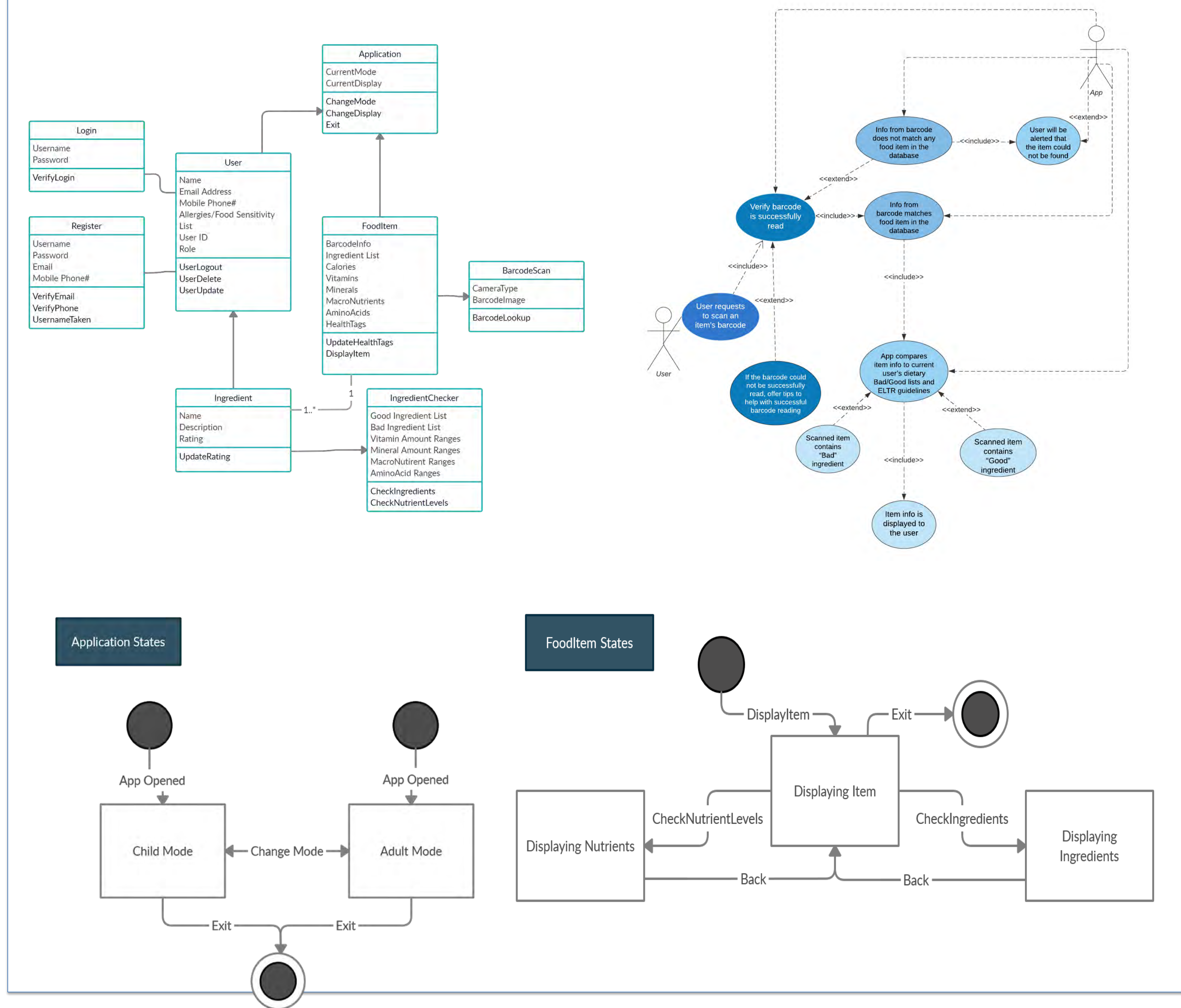## Information Technology Capstone II, Section(s) #001,004

Eat Like the Rainbow™
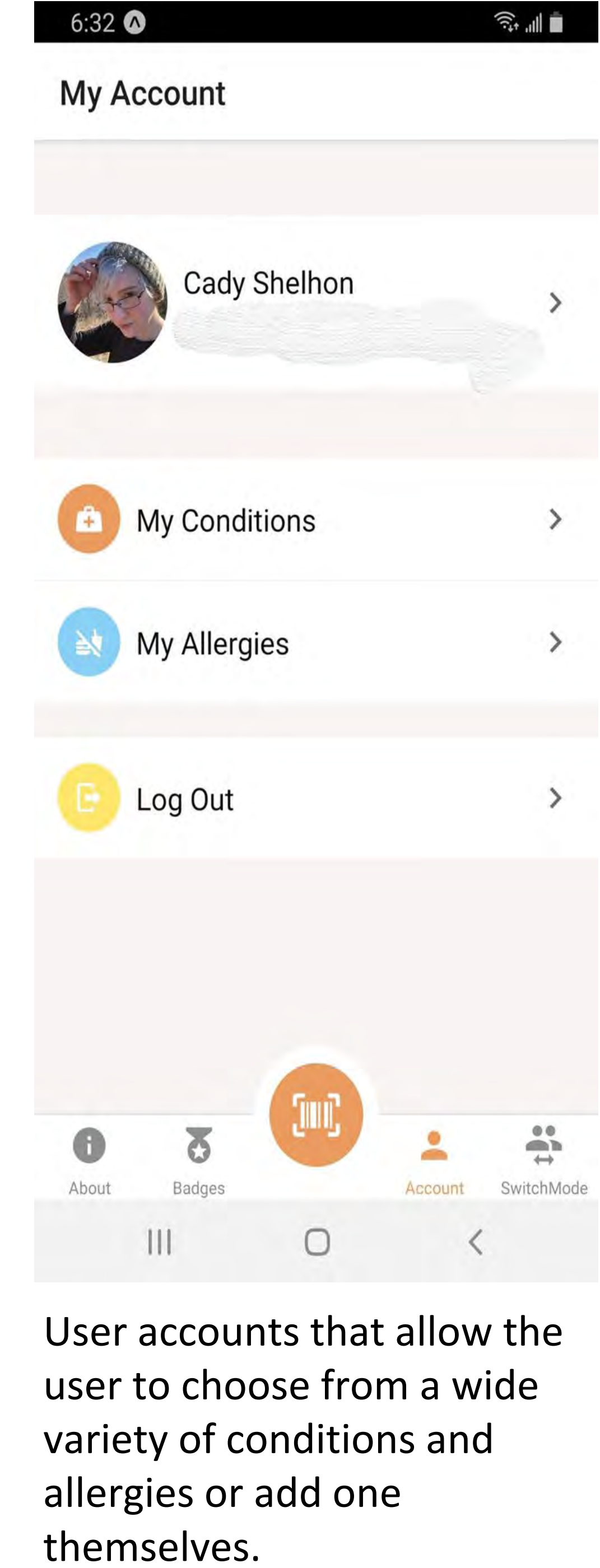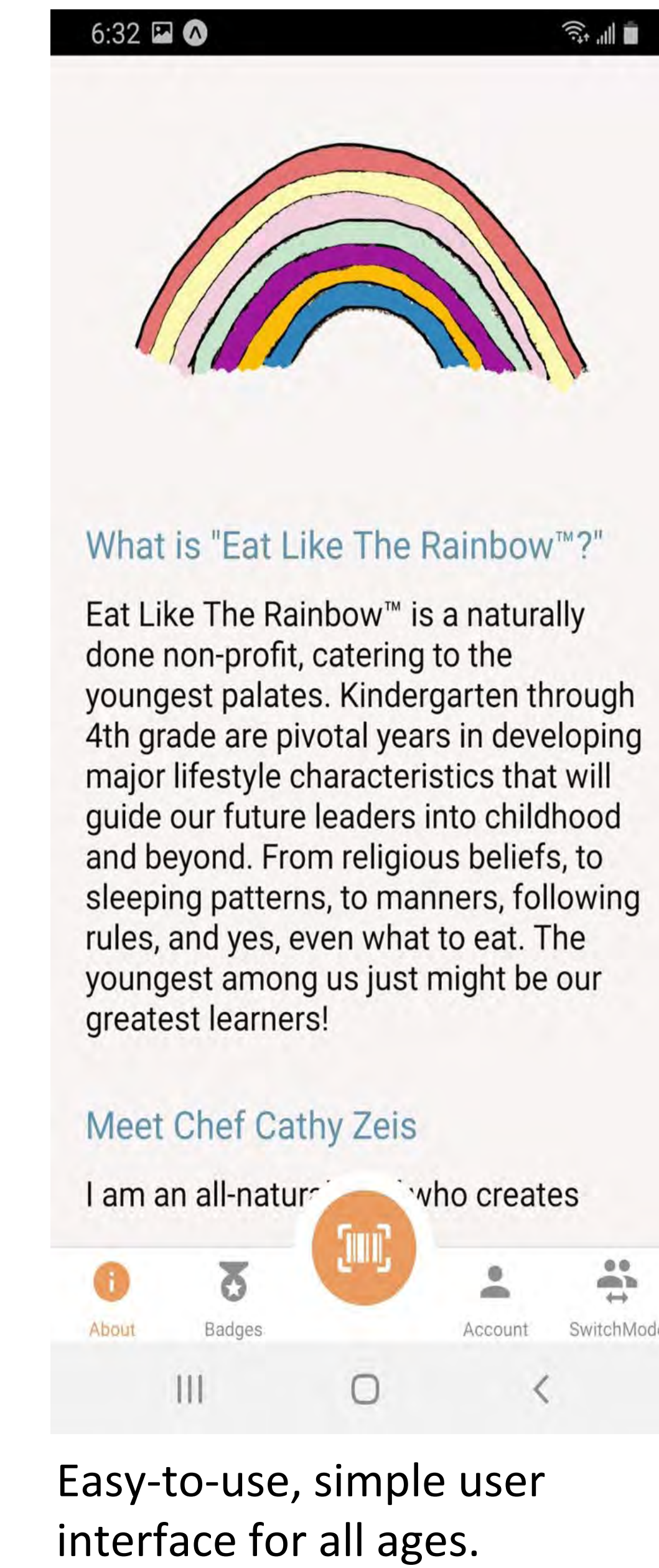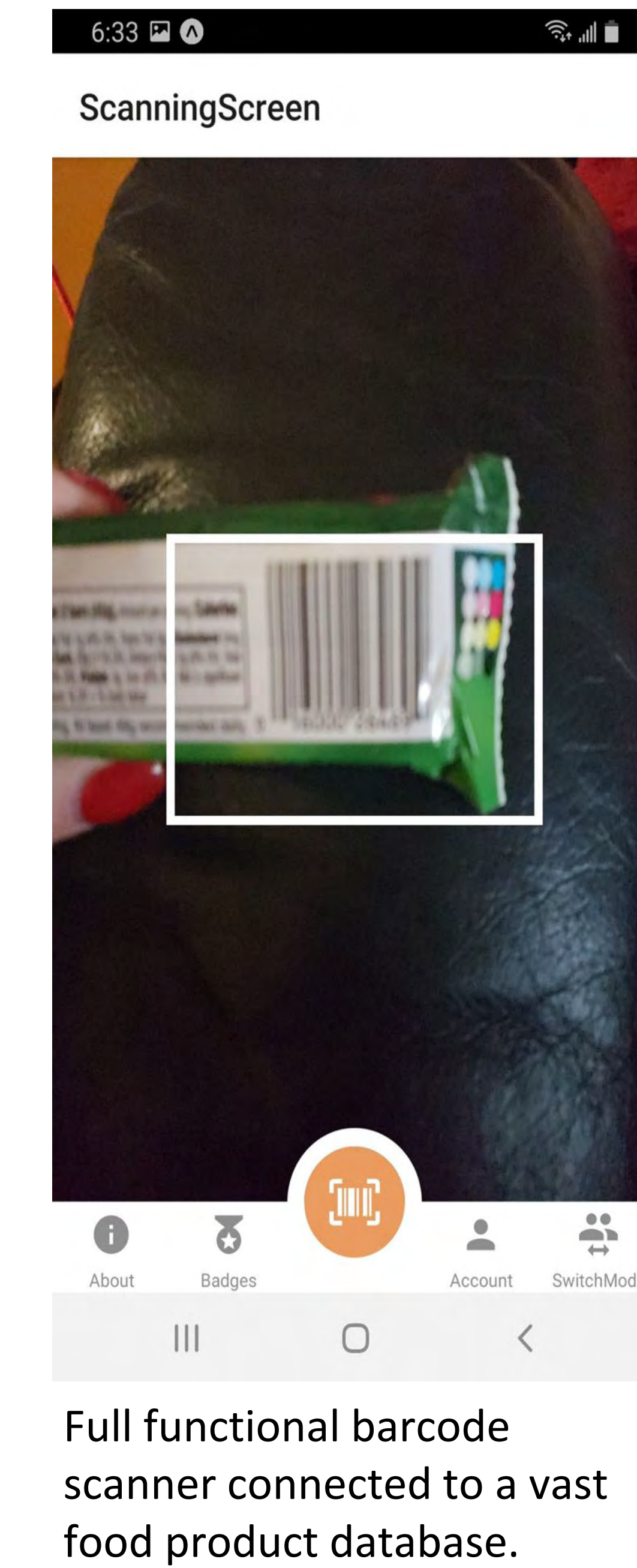An EDUCATIONAL Program Done Naturally
Chef Cathy Zeis

Introduction

Our team is aiming to solve the problem of individuals or families not having near instantaneous access to a plethora of nutritional and health advice by Chef Cathy given to them in simple terms while shopping. Allergens, lifestyles, and current medications will be choices that allow you to heavily personalize what information the application provides as well as tips on what items that would benefit your and your families health the most. To do this we are utilizing barcode scanning technology, information provided to us by Chef Cathy, as well as an extensive product database.

Design Documents Showcase

Product Showcase

Full functional barcode scanner connected to a vast food product database.

Easy-to-use, simple user interface for all ages.

User accounts that allow the user to choose from a wide variety of conditions and allergies or add one themselves.

Met Goals

- Simple, straightforward user interface.
- Plethora of allergenics and conditions listed.
- Secure and quick.
- Ability to switch over the used database to another available, open-source alternative
- Functioning adult/child modes dependent on the users settings.
- Andoird/iOS Functionality.

Technologies, Languages Used

ReactNative   Github   Firebase   OpenFoodFacts   JavaScript

Challenges

- Making sure that the application was simple to use for all ages.
- Ensuring user security due to the large amounts of personal user information in their acccounts.
- Having an aesthetically pleasing look, while staying simple.

Lessons Learned

- Ability to switch over the used database to another available, open-source alternative
- How to build a fully fledged application based off of a clients vision
- Partitioning a project into smaller parts so that the team was easily able to delegate tasks.

Special thanks to Chef Cathy Zeis from Eat Like the Rainbow, Inc for bringing us such an amazing idea as well as our instructor and mentor Professor David Keathly.

Top-Left   Davina Ijimakinwa
Top Middle   Jared Carpenter
Top Right   Cady Shelhon
Bottom Left   Ivy Lin
Bottom Right   Leighton Solomon