COS 420 Software Engineering

Segmentation Fault

Black Bear Calorie Counter

Sprint Review 5 + 6

May 2, 2021

This sprint review will include progress made in both deliverable 5 and 6, as both were finalized on the same day.

Raven Goodell: Detailed Design/Design Pattern Document

Vincent King: Configuration Management Doc Update, Remaining Tasks and Future Implementation Plan

Travis Tovey: Sprint Review, Application Development, Architecture Design Document

Chris Vogel: Test Plan Document, Usability Study, Application Development

Features Implemented:

-Various error checking in email entry, calorie calculator entries, etc.

-Description/tutorial of app on home page

-Calorie calculator now takes physical activity level and weight goals as factors into the calculation

Issues Fixed:

-Formatting of calorie calculator

-Calorie calculator formula tweaked and edited for more accurate results

What went well during the implementation:

-Small tweaks have made the application much more user friendly

What problems occurred:

-The usability study had some problems regarding the app’s navigation and features. These have been our final focus moving forward.

Changes to be made:

-More user friendly interface

-More robust error checking

What will be done for next sprint (if development continued):

-Addition of a fragment that allows users to record their personal intake of foods, calories, and nutrients.

-A feature to implement the recording of intake per date with future plans of creating a statistic/graph system.

-Addition of a fragment that allows user to record a personal exercise routine.

What went well in scrum:

-More video conferences allowed for planning in advance.

-Tasks were divided between all group members effortlessly.

What could be improved:

-More gradual progression of work during sprint would help team members check over the work of others and offer comments/feedback.

Changes to be made:

-Earlier assignments of both documentation and features to be developed