COS 420 Software Engineering

Segmentation Fault

Black Bear Calorie Counter

Sprint 4 Review Document

April 11, 2021

Raven Goodell: Sequence Diagram Update, Domain Model, Focus Group Document

Vincent King: Configuration Management Plan

Travis Tovey: Application Development, Product and Sprint Backlog Update, Sprint Review Document

Features Implemented:

-Bottom navigation bar allows for easy access between different fragments of the app.

-Calculator that takes user age, gender, weight, height as input and gives the suggested daily caloric intake as output.

Issues Fixed:

-No previous bugs addressed, only feature implementations.

What went well during the implementation:

-The overall UI of the app has been created and will be much easier to add upon in the future.

-Focus group provided many useful questions and suggestions to consider during future development.

What problems occurred:

-Transition between fragments was initially very buggy, but was able to be improved before the deliverable.

Changes made:

-Edits to Sequence Diagram Document

-Domain Model Created

-Configuration Management Plan Created

-Additions to app

What will be done for next sprint:

-Architecture Design Document

-Detailed Design Document

-More robust nutrition tracking/storing options

-Physical Fitness section

What went well in Scrum:

-Communications went smoothly, documents and development were handled in a timely manner.

What could be improved:

-Slack is still our major source of communication. It would be beneficial to utilize other platforms more frequently.

Changes to be made:

-More solidly defined goals brought to ZenHub.

-More collaboration and team input on individual documents and design implementations.