DIET MANAGER V2.0

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OVERVIEW

- Track user dietary habits
- Track the food eaten by adding recipes
- Track the calories
- Intake/loss based on recipes and exercise/work
- Log data by specific date

TECHNOLOGY USED

- IntelliJ IDEA
- JAVA
- JFormDesigner Plugin
- GIT

TECHNOLOGY NOT USED BECAUSE OF .CSV FILES AND CODE ONLY 20% OF GRADE

- JAVA FX
- ModernUI Libraries
- User Registration
- Multi User functionality

PATTERNS USED – COMPOSITE

- Best suitable for BasicFood Recipe hierarchy
- Recipes Objects could be made from BasicFood Object, but also from other Recipe Objects
- Good for not bothering the user with interactions between classes
- Food Interface

PATTERNS USED – MODEL - VC

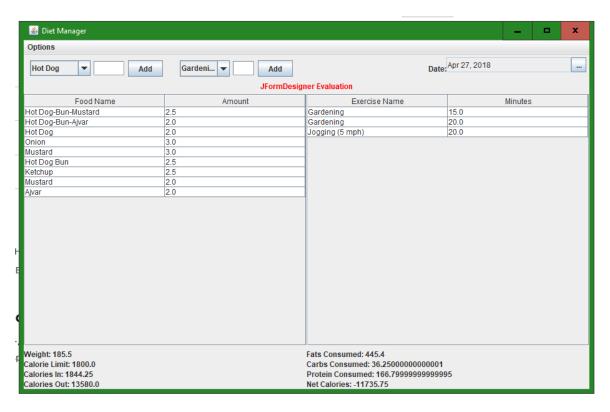
- MODEL:
- Everything with the .csv (get, set, write)
- Updating the controller
- All Food/Recipe/Exercise/Log/Csv classes

PATTERNS USED – M – V – CONTROLLER

- CONTROLLER:
- Tied to the View due to single user functionality
- Listener
- Controller manages all interaction between the View and the model.
- class ObjectGetter which instantiates the classes and passes references to the classes which need them.

PATTERNS USED – M – VIEW – C

- GUI for the user
- Interacts with the Controller which interacts with the Model



ISSUES

Do not use .CSV to manage data!