Team A
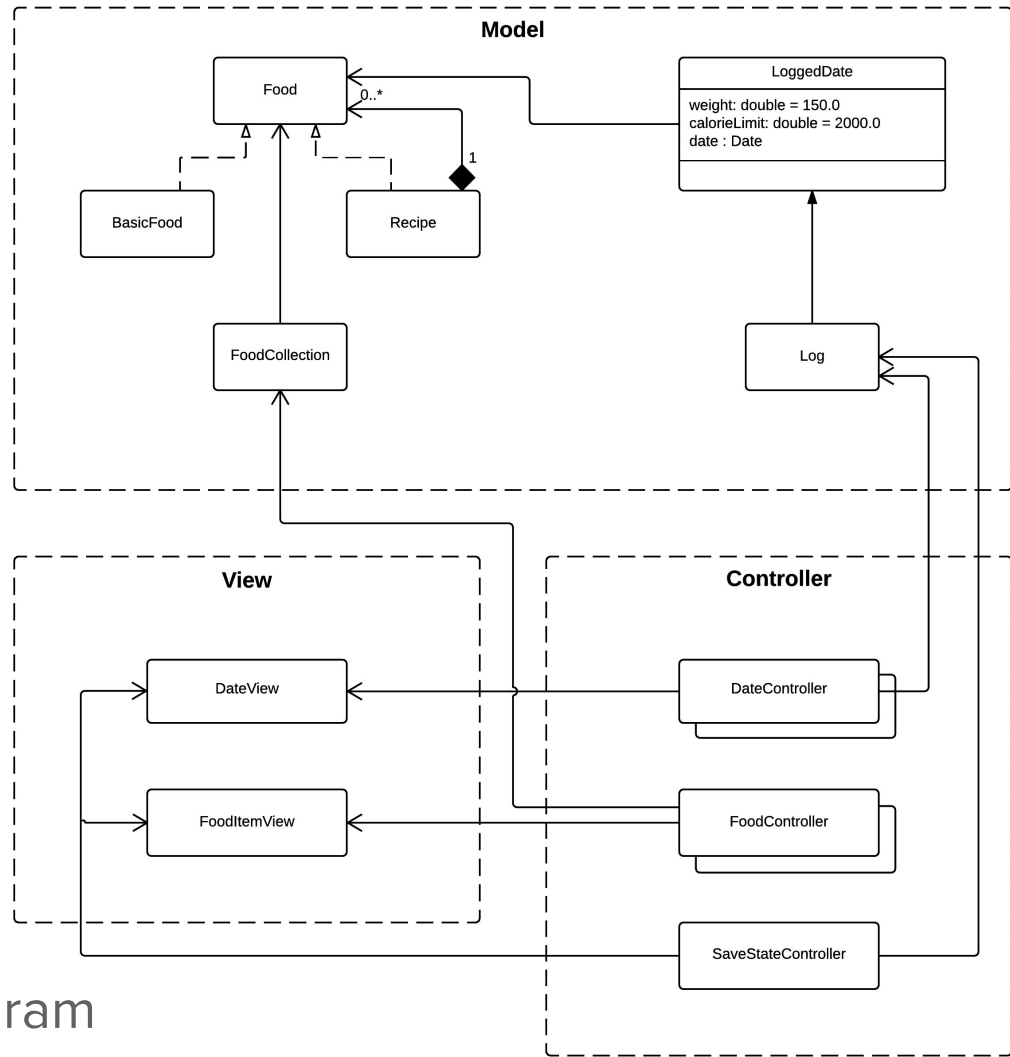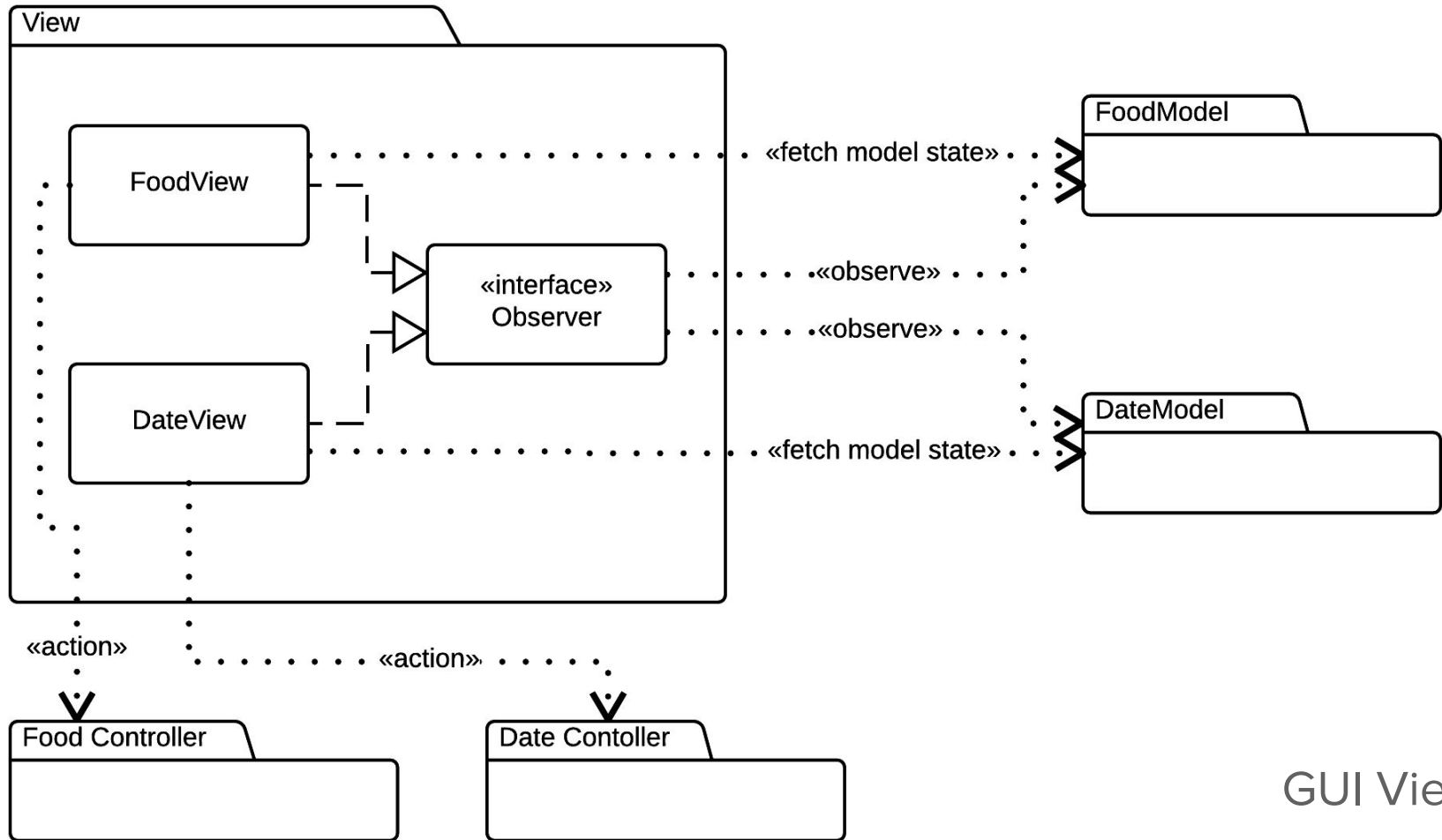
Matthew Atwell
David Camacho
Nathan Hinds
Brendon Strowe
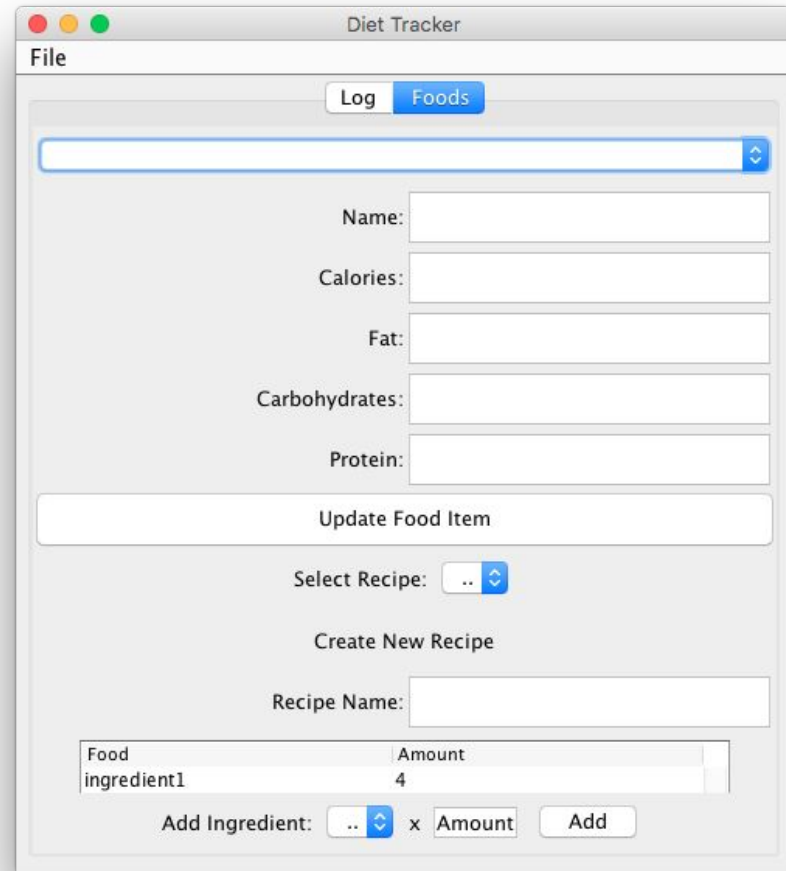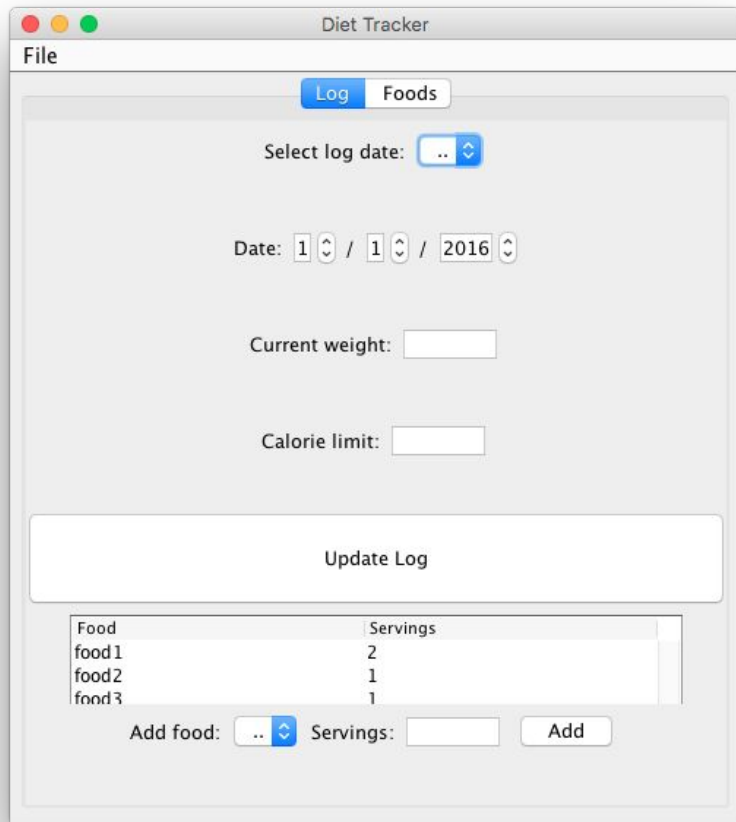Jenna Tillotson

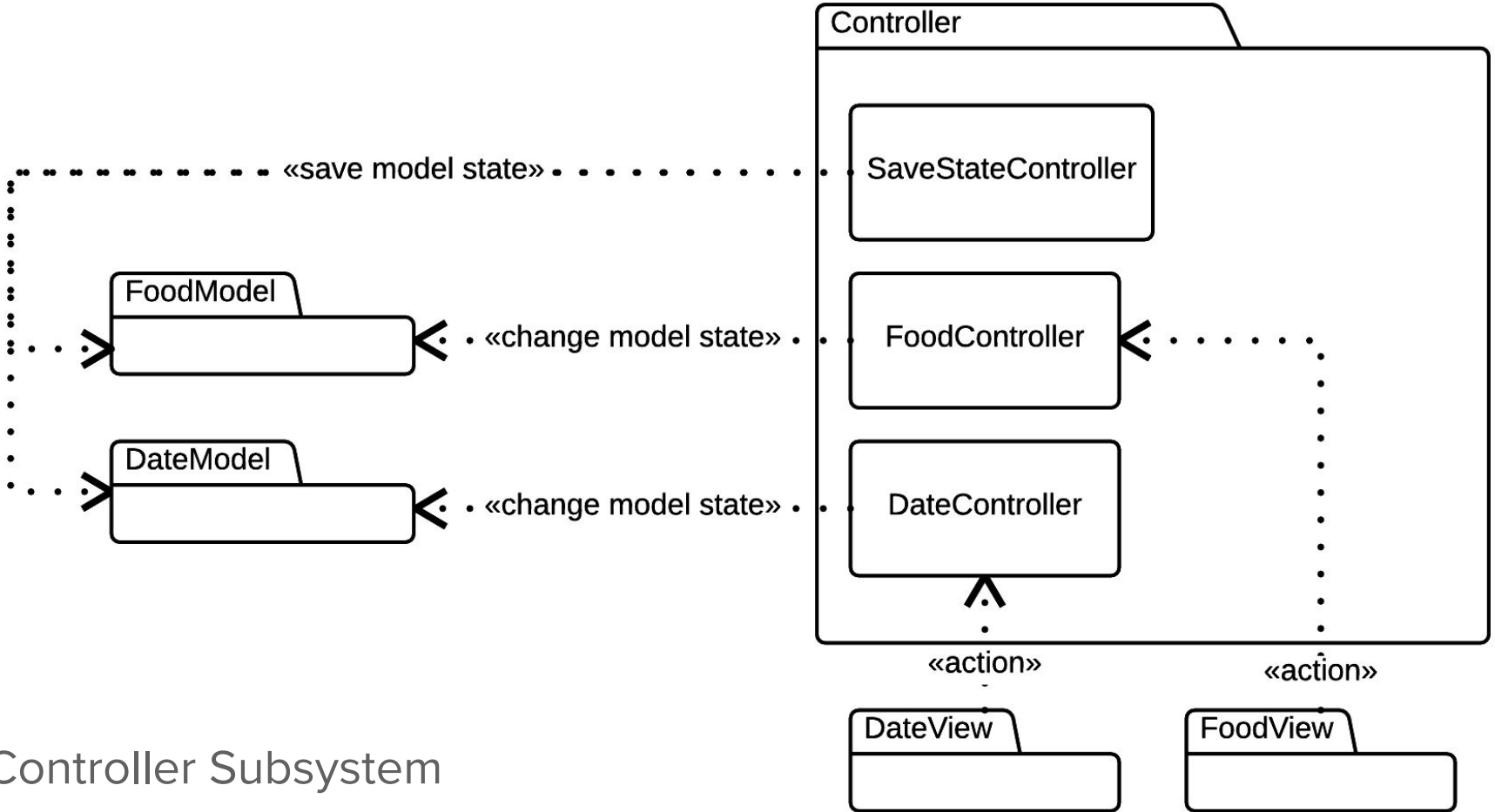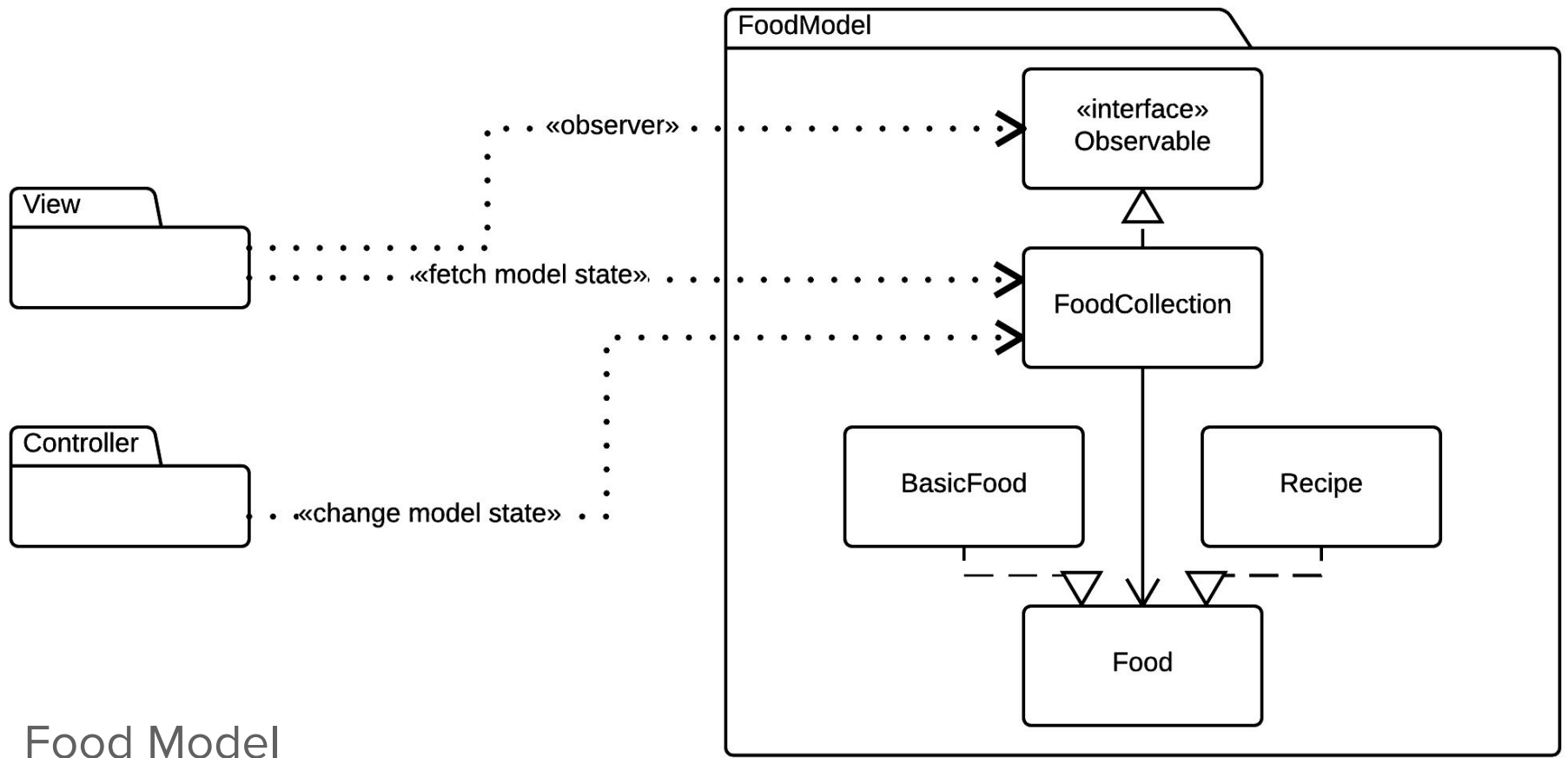Our Class Diagram

GUI View

GUI Screenshots

Controller

SaveStateController

«save model state»

FoodModel

«change model state»

FoodController

DateModel

«change model state»

DateController

«action»

«action»

DateView

FoodView

Controller Subsystem

Food Controller

- BasicFoodUpdateListener

  - For manipulating information on BasicFood objects

- AddRecipeListener

  - For adding new Recipe objects to internal data base

- AddFoodToRecipeListener

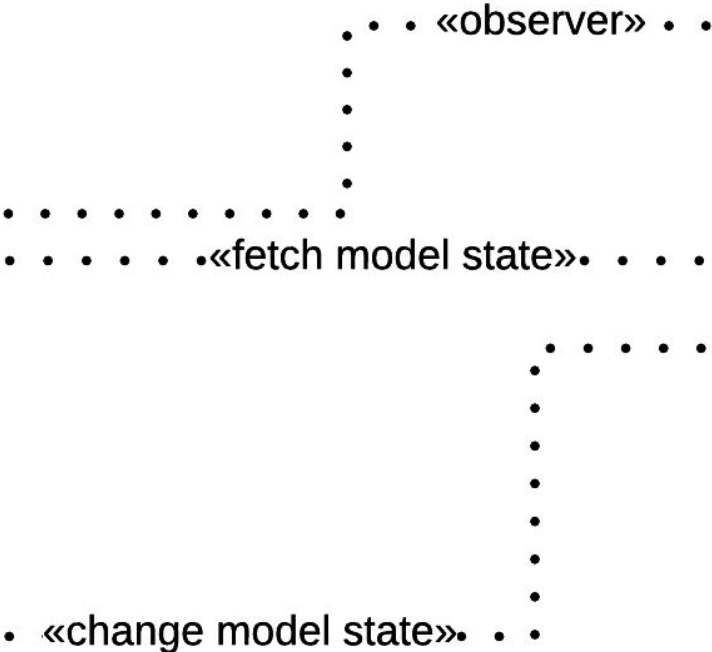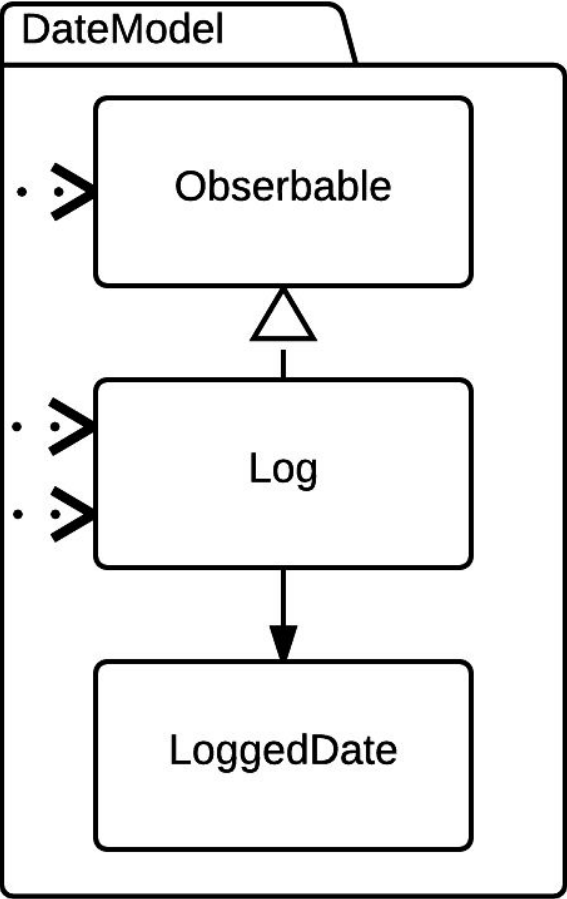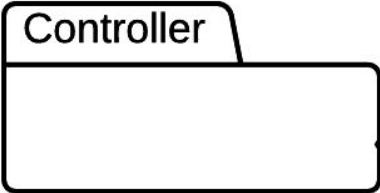 - For adding Food objects to a Recipe
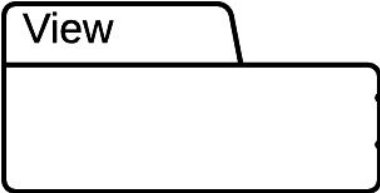
Date Controller

- DateControllerListener
  - Checks to see if "Update log" button is pressed
  - When pressed stores the date, weight, calorie limit, food and food servings from the GUI to the Log file
  - If the same date is entered it updates that date with the new values

Food Model

Date Model

Issues & Tradeoffs

- A few large, monolithic classes
  - GUI started as one large class
    - Is slowly being broken up into more modular subparts
  - Controllers also started as large classes
    - Slowly being broken up into the necessary ActionListeners

Issues & Tradeoffs

- Did not include the trend graphs
  - Due to time constraints and not knowing much about Java Canvas drawing
- Did not do CSV
  - Also left out due to time constraints