Food Query and Meal Analysis Team Project A-Team Number: __

Graded by: _____ Date: _____ Score: _____ / 100

A-Team README - 5 points

1. README includes Team Members: (copy name, email, x-team for each team member here
2. **Team size**: x-team (**+ 4)** or 1 pt per team member (max of 4pts) **+ 4 ____**
3. **README includes all team member information** **+ 1 ____**

BPTree Implementation - 10 points

1. BPTree JUnit Test Results **+10 ___**

Render initial GUI for - 20 points

1. The GUI includes instructions for use or usage is obvious to new user **+ 4 ____**
2. The user-interface includes:
    a. a visible food list (**2**) or show/hide option and way to add food (**1**) **+ 4 ____**
    b. a way to load (**2**) and save (**1**) food items from a file **+ 4 ____**
    c. meal list: visible (**1**), add to meal (**1**), analyze meal (**1**) **+ 4 ____**
3. Appropriate placement of controls wrt each other + use + aesthetics **+ 4 ____**

GUI Functionality - 45 points

1. File: load from a file (6), save to file (4) **+10 ____**
2. Meal List: select from filtered food list (4), add to meal (4), clear meal (2) **+10 ____**
3. Analysis: view summary (5), easy to read (3), consistently ordered (2) **+10 ____**
4. Food query: list of rules (2), add rule (2), remove rule(1), apply query (5) **+10 ____**
5. Apply query and display valid list of filtered food items based on rules (5) **+ 5 ____**

User Input Validation - 10 points

1. Does not crash or accept negative nutrition values **+ 3 ____**
2. Does not crash or accept alphanumeric nutrition values **+ 3 ____**
3. Does not crash or allow food to be on meal list that is not in food list **+ 1 ____**
4. Does not crash on meal analysis of empty meal list (alert msg is fine) **+ 1 ____**
5. Entering nutrition components out of order works or required order is clearly explained **+ 1 ____**
6. Did not experience other user input validation errors or crashes **+ 1 ____**

Style and Commenting - (10 - great, 8 - good, 6 - ok, 3 - poor, 0 - no attempt) **+10 ____**

Program source code is well organized, documented, and easy to read.
Grader would want to work with this team. Grader may include additional comments below: