



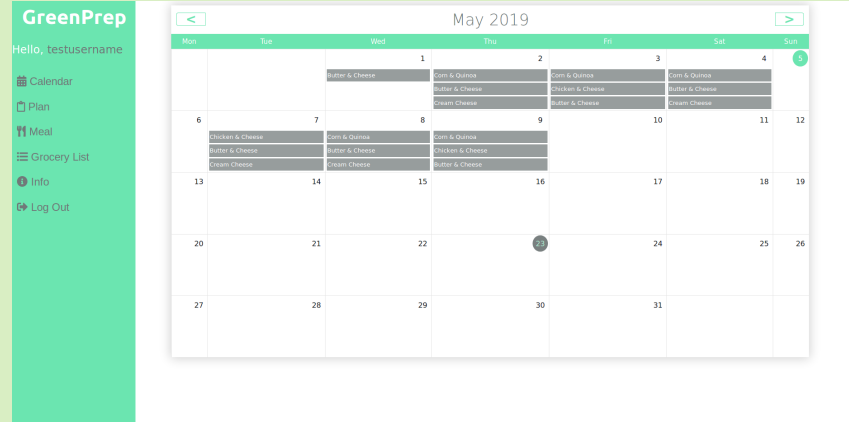
GreenPrep (Team 6)

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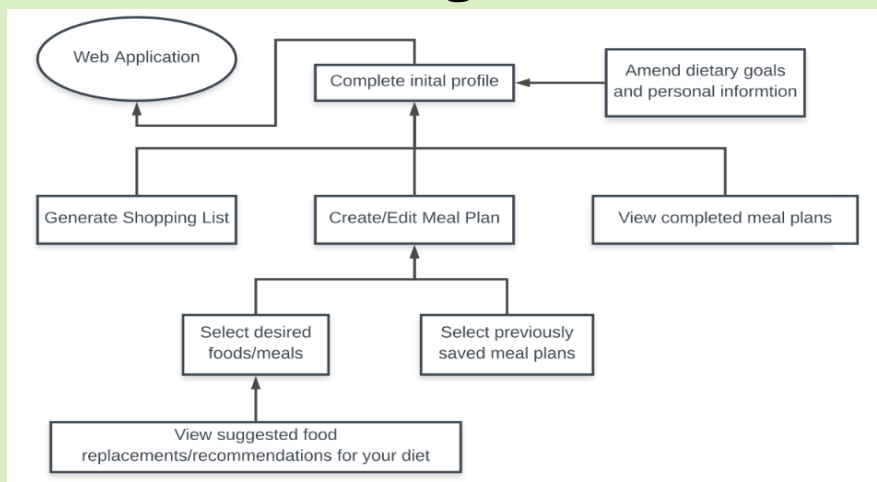


Description & Purpose

- Meal preparation web application that determines the optimal serving sizes of user selected foods in order to meet nutrient goals for a meal.
- Optimizes meals to meet the user's nutrient goals.
- Accomplished by creating a system of equations that corresponds to the nutrient break down of each food and includes lower and upper bounds. Once defined the Simplex Method is used to generate the optimal meal.
- Current products are mainly reactive, but our goal was to have a proactive application.



Design



Ethical & Intellectual Property Issues

- Personal information of our users is kept safe from account breaches
- Code from scratch
- Free Open Source Software

