User Test Cases

**Title: Login Page**

Preconditions: The user has already registered and his user/pass is valid.

Assumption: Server-side is running. User has not logged in previously or logged off.

Steps:

1. Login page appears upon launch of app.
2. Enter username and password into respective fields.
3. Press login.

Expected Result: User should be redirected to daily menu.

**Title: Daily Menu**

Preconditions: The user is connected to the net.

Assumptions: View dining halls are serving that day.

Steps:

1. Daily Menu tab is pressed.

Expected Result: Daily Menu should display the meals being served at each time of the day.

1. Commons, Knollcrest, Johnnys, Spoelhoef, and Knightway tabs pressed.

Expected Result: Menus for respective dining place shows up.

**Title: Calendar Page.**

Steps:

1. Calendar tab is pressed.

Expected Result: The calendar that is accurate should appear.

1. Calendar arrow keys is pressed of screen is swiped.

Expected Result: Calendar view should switch month to preceding or succeeding month in respect to arrow pressed or direction swiped.

**Title: Meal Count**

Steps:

1. Meal count number is set within number field.
2. User hits confirm.

Expected Result: Number of meals available should be equal to number set by user.

Precondition: Meal count is greater than 0.

1. User consumes meal.

Expected Result: Meal count number should decrement by 1.

Precondition: User has used a meal.

1. User hits undo button.

Expected Result: Returns the meal to the user meal count, incrementing it by 1.

**Title: Hours Page**

Steps:

1. Hours tab is pressed.

Expected Result: The times and days of Commons, Knollcrest, and Uppercrust should appear.

**Title: Prices Page**

Steps:

1. Prices tab is pressed.

Expected Result: The prices for meals based on time of day should appear. Special conditions for children included.

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**Title: Vote Page**

Assumptions: Dining halls have set up survey questions.

Steps:

1. Vote tab is pressed.

Expected Result: Vote page should display the list of questions and to which dining hall it belongs to.

1. Question is pressed.

Expected Result: A page containing possible ways to answer should appear.

1. User places an answer to the question prompt using the given answer field.
2. User submits the answer.

Expected Result: Answer to the survey should be viewable to dining hall admins on server-side.

**Title: Vote Page**

Preconditions: The user’s phone can handle GPS functions.

Assumptions: User is connected to the net.

Steps:

1. Map tab is pressed.

Expected Result: A GPS style map should appear. Markers should show where each dining place in Calvin is located.

1. User is moving around with the phone.

Expected Result: The map updates accordingly to the user’s movements.

**Title: About Page**

Steps:

1. About tab is pressed.

Expected Result: About page with information regarding app should appear. Also the developer’s contact info should be in there.

**Title: Settings Page**

Steps:

1. Settings tab is pressed.

Expected Result: Settings page should appear.

1. Checkbox, button, slider is used.

Expected Result: Setting should adjust accordingly.