Scenario - User enters monthly income:

* Given the user enters a valid float or double for their income
  + When the user clicks the submit button
  + Then the amount they entered is stored and displayed as their monthly income by the software.
* Given the user enters an invalid float or double (with a letter or symbol)
  + When the user types an invalid value such as a letter or a symbol
  + Then there will be a ChangeListener assigned to the text property for the monthly income that will prohibit the user from entering an invalid value and prompt the user that the value is invalid.
* Given the user enters nothing (blank income)
  + When the user clicks the submit button
  + Then the submit button will have a disabledProperty bound to the income textProperty that prohibits the user from submitting nothing and prompts the user to type something into the monthly income.

Scenario - User enters monthly recurring payments / subscriptions:

* Given the user enters a valid float or double for their subscription and a string for the title of the subscription
  + When the user clicks the submit button
  + Then the amount they entered is stored and displayed as a monthly expense / subscription with the subscriptions title.
* Given the user enters an invalid float or double (with a letter or symbol) for their subscription amount
  + When the user types an invalid value such as a letter or a symbol
  + Then there will be a ChangeListener assigned to the text property for the monthly subscription that will prohibit the user from entering an invalid value and prompt the user that the value is invalid.
* Given the user enters a valid float or double for the subscription amount but leaves the subscription title blank
  + When the user clicks the submit button
  + Then they will be prompted to enter a subscription title
  + And the user will have the chance to enter the subscription title
* Given the user enters a valid subscription title but leaves the amount blank
  + When the user clicks the submit button
  + Then they will be prompted to enter a subscription amount
  + And the user will have the chance to enter the subscription amount
* Given the user enters nothing for the subscription amount and title
  + When the user clicks the submit button
  + Then they will be prompted to enter the subscription amount and title
  + And they will have the chance to enter the amount and title

Scenario - User enters the amount they spend monthly on groceries

* Given the user enters a valid float or double for their groceries
  + When the user clicks the submit button
  + Then the amount they entered is stored and displayed as their monthly grocery expenses by the software.
* Given the user enters an invalid float or double (with a letter or symbol)
  + When the user types an invalid value such as a letter or a symbol
  + Then there will be a ChangeListener assigned to the text property for the monthly grocery expenses that will prohibit the user from entering an invalid value and prompt the user that the value is invalid.
* Given the user enters nothing (blank monthly grocery expenses)
  + When the user clicks the submit button
  + Then the submit button will have a disabledProperty bound to the monthly grocery textProperty that prohibits the user from submitting nothing and prompts the user to type something into the monthly grocery expenses.

Scenario - User enters custom monthly expense

* Given the user enters a valid float or double for their custom monthly expense and a string for the title of their custom monthly expense
  + When the user clicks the submit button
  + Then the custom monthly expense will be stored and displayed by the software under the title of whatever the user entered for the title
* Given the user enters an invalid character for the monthly expense such as a letter or a symbol
  + When the user enters an invalid character
  + Then there will be a ChangeListener assigned to the text property for the custom monthly subscription that will prohibit the user from entering an invalid value and prompt the user that the value is invalid.
* Given the user enters a valid double or float for the custom monthly expense amount but does not enter a title
  + When the user clicks submit
  + Then they will be prompted to enter a title for the custom monthly expense
  + And they will be given the chance to enter a title for the expense
* Give the user enters a custom monthly expense title but does not enter an amount
  + When the user clicks the submit button
  + Then they will be prompted to enter an amount for the custom monthly expense
  + And they will be given the chance to enter an amount for the custom monthly expense

Scenario - The user wants to view their budget as a graph:

* Given the user has entered a monthly income
  + When the user clicks the button to view their budget as a graph,
  + Then their budget will be displayed as a graph
* Given the user has not entered a monthly income and they want to view their budget as a graph
  + When the user clicks the button to view their budget as a graph
  + Then the user will be prompted to enter a monthly income
* Given the user has monthly expenses exceeding their monthly budget and the user wants to view their budget as a graph
  + When the user clicks the button to view their budget as a graph
  + Then the user will prompted with text notifying that they are going to go into debt and a relevant 3d graphic. It will also tell them how much they’re over budget.

Scenario - The user wants to save their budget as a file:

* Given they have a budget with values entered
  + When the user clicks the save as file button
  + Then the budget will be saved as a file (probably as a CSV)
* Given the user wants to save their budget as a file but they have not entered anything
  + When the user clicks the save as file button
  + Then the budget with no values is saved

Scenario - The user wants to load budgets from a file (Given there exists a java library that allows me to use the Windows file explorer )

* Given the user wants to load their budget from a csv file with a valid format
  + When the user selects the “load from file” button, they are prompted to select a file.
  + Then the file they select is loaded
* Given the user wants to load a csv file with an invalid format
  + When the user selects that file
  + Then they are prompted that the file is not formatted correctly
  + And they are returned to the “home” screen of the software
* Given the user wants to load a csv file and they try to load a file that is of the incorrect file extension
  + When the user opens the file explorer
  + Then there should be an option with the file explorer API that allows the developer to filter out invalid file types so the user cannot select an invalid file.