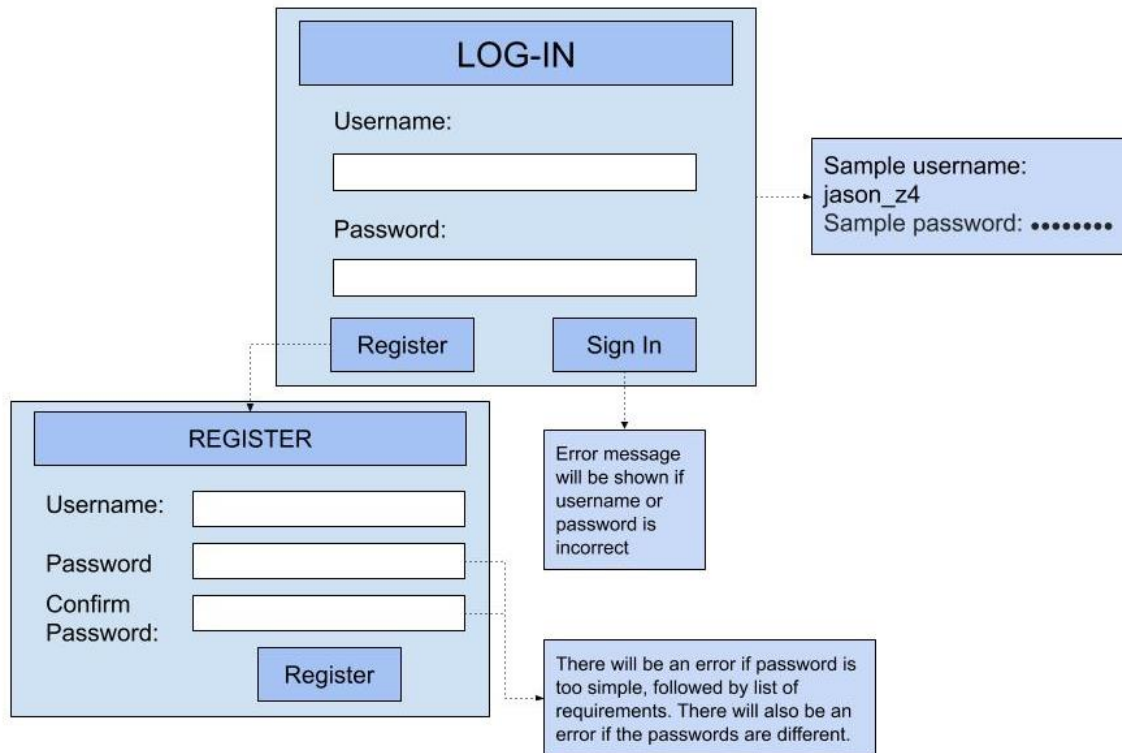


Criterion B: Design

Log-in Screen:



Information Entry

After registering:

Please enter the following information:	
Weight:	<input type="text"/>
Height:	<input type="text"/>
Age:	<input type="text"/>
<input type="button" value="Confirm"/>	

Calendar

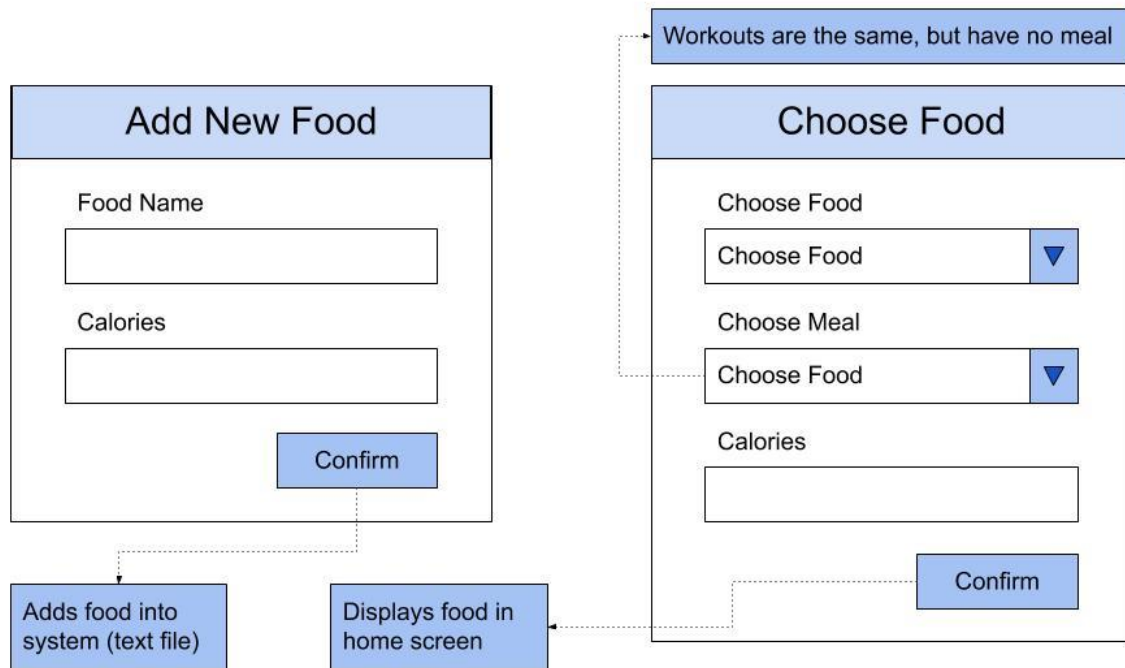
DECEMBER						
Prev						Next
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

Clicking on any day leads to the home screen, where calories and other information is shown

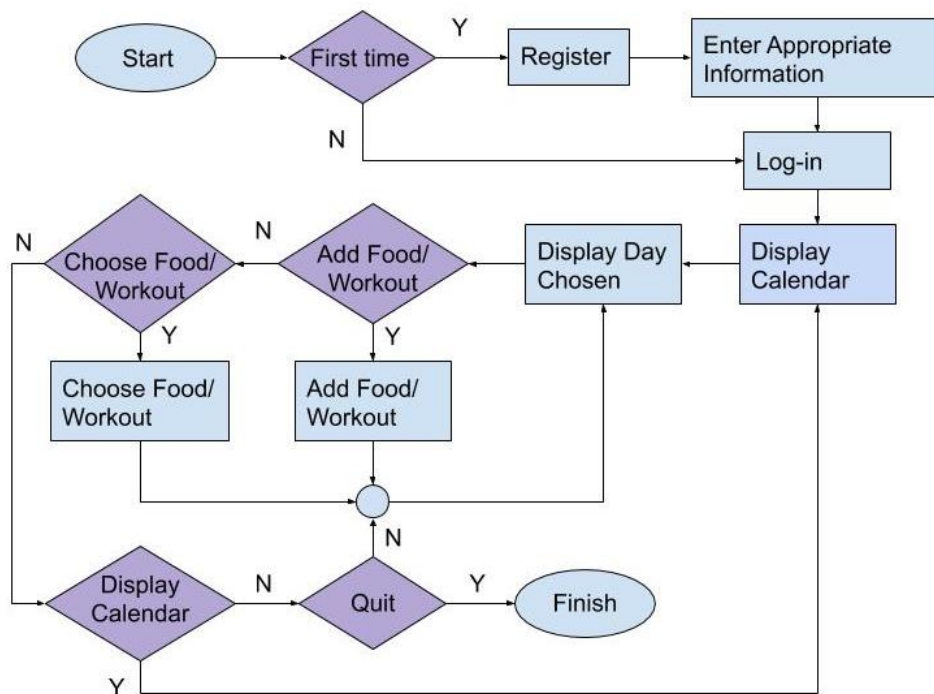
Home Screen



Foods/Workouts



Program Working Plan



Development Plan

Function	Comments
Welcome	The user will be allowed to choose whether they are a returning or new user, which then leads to register or log-in.
Register	<p>The register function allows a user to create an account for themselves. The program will check if each parameter is in the correct format.</p> <p>When the register button is clicked, the information is written in a text file. The program will not register if the username is already in the text file.</p>
Log-in	<p>Once registered, the user can log-in to the program.</p> <p>The log-in function checks if the username and password match with a username and password in the text file and allows the user to proceed if it matches.</p>
Calendar	<p>When a day on the calendar is clicked, it takes the user to the home screen of that date.</p> <p>Users can navigate through the months of the calendar.</p>
Add Food/Workout	The user can add foods in the program. These foods/workouts are added into another text file for each user.
Home Screen	<p>Home Screen displays the foods and workouts of the user that they have done for the specific day they have chosen. They can select the foods from a text file with the foods and workouts.</p> <p>The net calories and various health advice is calculated and displayed for the user to see.</p> <p>There should be a text file for the foods/workouts of each day.</p>

Testing

Test Number	Description	Input/Data Instructions	Expected Results
1	See if program runs	Run the program	The welcome screen should show up to allow the user to choose between log-in or register
2	Check if registration works	Enter username and passwords that do not match	There should be an error message saying the passwords do not match
3	Check if registration works	Enter username and correct password, then enter personal information	The user should be able to enter the program
4	Check if login works	Enter incorrect username or password	There should be an error message that says the credentials are wrong
5	Check if login works	Enter correct username and password	The user should be allowed into the calendar
6	Check if calendar works	Click on a day and navigate through the months	The user should be able to navigate through the months and when a day is clicked, it should lead to the day home screen
7	Adding food/workout	Add a food/workout to the program and user inputs specified parameters	A window should pop up allowing the user to enter a food
8	Choosing listed food/workout	Add a listed food/workout	The food should appear in the home screen and the calculations for calories should change
9	Calorie calculator	Add listed food/workout	The calories should be added up correctly
10	Calendar	Click on calendar button	Calendar should return the user to the calendar
11	Navigating between months	Click the arrow keys next to the month	The month should move up one of down one depending on the direction of the arrow