

Project Outline: While You're Out

1. **Overview:** In 1-2 paragraphs, provide an “elevator pitch” for your project. This should be a high-level overview of your idea, in non-technical language. What will your app do? What might users find useful about it? Where did the idea come from?

When I worked in Memory Care, I noticed that family members would get frustrated when upon arriving they were told that their loved one needed an item they could have easily picked up on the way over. This app could work between both family and caregivers, depending upon the situation.

As a caregiver user, I want an app that would allow me to record usage of items and also track an inventory of items that would allow me to supplement the shopping list or notify a family member prior to next visit.

As a family member, I want an app that would allow me to see the usage of items in order to update my own shopping list, or to pick up what is needed before I see my loved one.

2. **Features:** List 3-5 features that you will implement in your project. Each feature should have a name and a 1-2 sentence description. Here are a few examples for a blog application:
 - **Login** - to verify correct loved one
 - i. As a family member, I want to know that my loved one's information is secure, and that the updates are coming from trusted people caring for my loved one, myself included.
 - ii. As a caregiver (or team of caregivers), I want to make sure that my patient's information is secure, and that updates are entered accurately to maintain the health and basic needs of my patient.
 - **Inventory update** as things are used or restored
 - i. As both a family member or caregiver, I want the ability to update changes to the inventory based on use or expiration. This could be by adding to the totals of things, or even changing brands of things.
 1. *Examples:*
 - a. *As a family member, I just had a delivery of 60 adult incontinence products arrive today. I want to update the current inventory from 5 to 65.*
 - b. *As a caregiver, the GP just prescribed a new insulin and wants to discontinue the old insulin. I would like to update with the new one, and remove the old one.*
 - **Notifications** for certain use points (change color)
 - i. As either user type, I would like an easy way to notice that items are getting low and will need to be replaced. I would like to have the option to set this number, and have the item change color when the number is reached.
 1. *Example:*

- a. As a family member, when my parent's incontinence products total reaches 10, I would like the color to change to let me know it's time to order.
 - **Algorithm** to schedule the use of certain items
 - i. As either user, this would help predict the usage of certain things and make ordering/restocking easier.
 - **Communications**
 - i. As a caregiver, I would like a place to document if things were not going according to schedule. Such as illness or off-sight/location activities that may break the patterns.
 - ii. As a family member I would like to read these to better understand the sudden changes and not worry about theft or waste.
3. **Technologies:** What languages and technologies will you use to build your application?
- C#
 - MySQL
 - CSS & HTML for the front end
4. **What you'll have to learn:** In the course of building your project, you'll have to learn something new. Perhaps you want to use data from a public API, or add a bit of JavaScript to make your front-end more interactive. If you can't name the exact technology or technique that you'll have to learn, you should still be able to describe a problem that you have identified that you don't currently know how to solve.
- User Validation
 - ASP.Net or MVC (not sure yet)
5. **Project Tracker:** Link to your Trello board here.
- <https://trello.com/b/1qBvpkyF/launchcode-final-project>
6. **Enable GitHub Issues:** If you haven't already enabled [GitHub Issues](#) do so before submitting this assignment. If you haven't enabled GitHub Issues yet your mentor will not be able to give you feedback on your project!
- Check