

Product Requirements

Team Coolest Team (Group 7)

Members: Katie Lawson, Peter Wu, Andy Xu, Hiroto Takeuchi, Jeremy Smart, Justin Zhao

Project statement

We, the Coolest Team (HealthCare), is a team of like minded students that are focused on being able to combine the tech field and healthcare field together through software engineering. In this day and age with the current pandemic and many health concerns, it may be hard to be able to access resources and also be able to have your medical information all readily accessible in one location. Therefore, we envision Stealth, an application that provides a more streamlined care to the future and your healthcare needs. We are motivated and inspired to be able to create a revolutionary application that is able to benefit almost anyone from babies to elderly and also the very own communities in which we live in.

Stealth's infrustruce is designed from the foundation up to be an easily secure and accessible application where from the tips of your fingers your hidden medical information is now listed to just you and your medical provider from initial records to immunizations all the way to being able to make appointments. We picture the app also providing additional features such as a Nutrition Tracker, Rate My Doctor, and a 24/7 chat with nurses worldwide. Our goal is to be able to create a product that can benefit anyone, anywhere, anytime, and help them navigate the medical field through a seemingless interaction that is safe and secure.

Users profile

- Have basic experience navigating a general site/web application
- Have access to the internet
- Being able to use online meeting platforms
- Fluently able to use at least one language
- Have interest in improving their health or improving other's health (doctors)
- Is willing to share detailed health information
- Able to use an app on the phone
- Being able to understand basic medical concepts/knowledge

Feature requirements (user stories)

No.	Feature	Description
1	Detailed description of medical condition	Togglable menu for a basic description of every medical data. Many of the descriptions are provided by verified doctors and are freely able to edit and change the description (like wiki)
2	List of prescription on a page	A list of a client's prescription will be listed and there will also be a description of what they do and what it helps with which is provided by Doctors
3	Client contact page	Customers and Doctors should be able to freely change their contact information and addresses <ul style="list-style-type: none"> - To access client and the doctors contact information, search up the person's name in the search bar, or find them in the browse and click on their profile, contact information will be listed
4	Medical information info edit page -Doctor only feature-	Doctors will be able to freely add or remove medical information to ensure that the patient gets the best care that they need: <ul style="list-style-type: none"> - Current medical conditions - Past medical conditions - Prescriptions - Exam results (X-Ray, STI, etc) - Immunization Record - Important Medical notes and information
5	Emergency Situation call button or call redirect	There will be a button in which users can contact first responders immediately without the need for dialing in 911 User location will also be used to inform the medics and public safety A button feature on the app: <ul style="list-style-type: none"> - Ambulance - Police - Firefighters
6	Scheduler or Appointment Creator	Allows the customers to contact their own doctors and create an appointment Note: (probably a mix of texting and calendar editing user interface) All different specialties of doctors will be listed on the app, and if there is any type of specific doctor they would like to visit, they are able to schedule it via the app Specialties that can be found include: <ul style="list-style-type: none"> - Dermatology - Family Medicine - Pediatrics - Psychiatry - Orthopedics

		<ul style="list-style-type: none"> - Neurology - Gynecologist - Cardiologist
7	Nearest Medical Prescription Pickup	<p>Users would be able to find the nearest location where they can pick up their medical prescription and they are also able to change pickup locations at any time</p> <p>Pickup locations will be on a map, and the map will show the nearest locations depending on the current user's location and places can be:</p> <ul style="list-style-type: none"> - Local pharmacies - Hospitals - Supermarkets
8	Nutrition Tracker	<p>Barcode scanner that is able to list nutritional information along with keeping track and recording the information if needed:</p> <ul style="list-style-type: none"> - If the product doesn't have a barcode, then the user should have the ability to type in the food item in the search bar - Else, the barcode will be able to provide the nutritional value
9		
10		
11		
12		
13		

Important Links:

Trello Workspace: <https://trello.com/b/LYWRC8Hz/project-board>

Github Workspace:

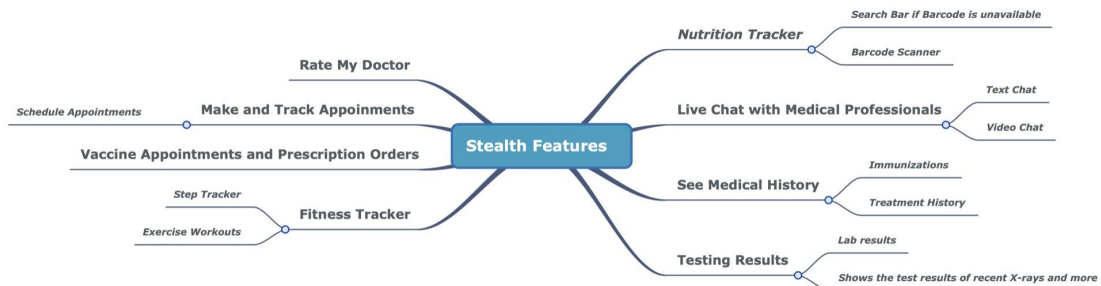
<https://github.com/SWEN-101/2221-SWEN-101-03-7-coolteamname#project-name-cool-project>

Slack Workspace:

<https://join.slack.com/share/enQtNDEzMzE4OTk4MzU2OC04OWE5YzI1NzU5OWY3ODhiMDImYmExYjYzOWY4N2Y4NDhiOTQ1OTdkMjhIMGJhMTMxN2MwMzQ3NDRjNGM3MzAx>

Personal Github.io Page: <https://pw6634.github.io>

Listed Features with additional information



1. Chat with medical professionals in real time

- Users may be stuck in situations in which they have questions that do not require immediate medical attention and through this feature, users will be able to chat with medical professionals such as nurses in real time through video chat and get answers to their questions

2. Make and track appointments

- Users can also seamlessly make appointments
- Users can see or cancel upcoming appointments

3. See Medical History

- Missing and past immunizations
- Treatment History
- Testing Results
- Past health conditions
- Changes in body composition (height, weight, body fat percentage)

4. Nutrition Tracker

- Barcode scanner that tracks nutrition
- Users will be able to scan products that they buy, and then nutrition facts will be able to be shown, usually not all products that we get or buy will have a nutrition label on it, for example pizza that we order or even a drink that we get, users will be able to scan the barcode on it, or scan the product, or type in the product name and users will be able to have nutrition facts on it
 - Have doctor make list of foods you should not eat

5. Optional (Fitness Tracker)

- Step Tracker
- Exercise Workouts

Appendix

As a team, we plan to keep this document updated weekly with any new changes that we may have from new ideas to new information that we may have. Along with that, with any new iterations or design changes, we will add to those to the document including new features, functionality, or improvements. Each person will each have their own role, and if they have any new information to add onto the document then they will be able to add that in, and the overall person that will be responsible for this document and the organization of everything will be Peter. He will also ensure that this document is shared with everyone and that any new changes are recorded and also shared with the team. With new requirement changes, we will have to rethink our features and user base to better suit new requirements. In addition, if we have to adjust anything from our ideas to the design and implementation of our idea to adjust to the requirements, we will adjust it to meet the requirements that we will need to meet. We will notify people to edit and share the document using a Discord server with all the group members in it. Discord is also our main source of communication for group work.