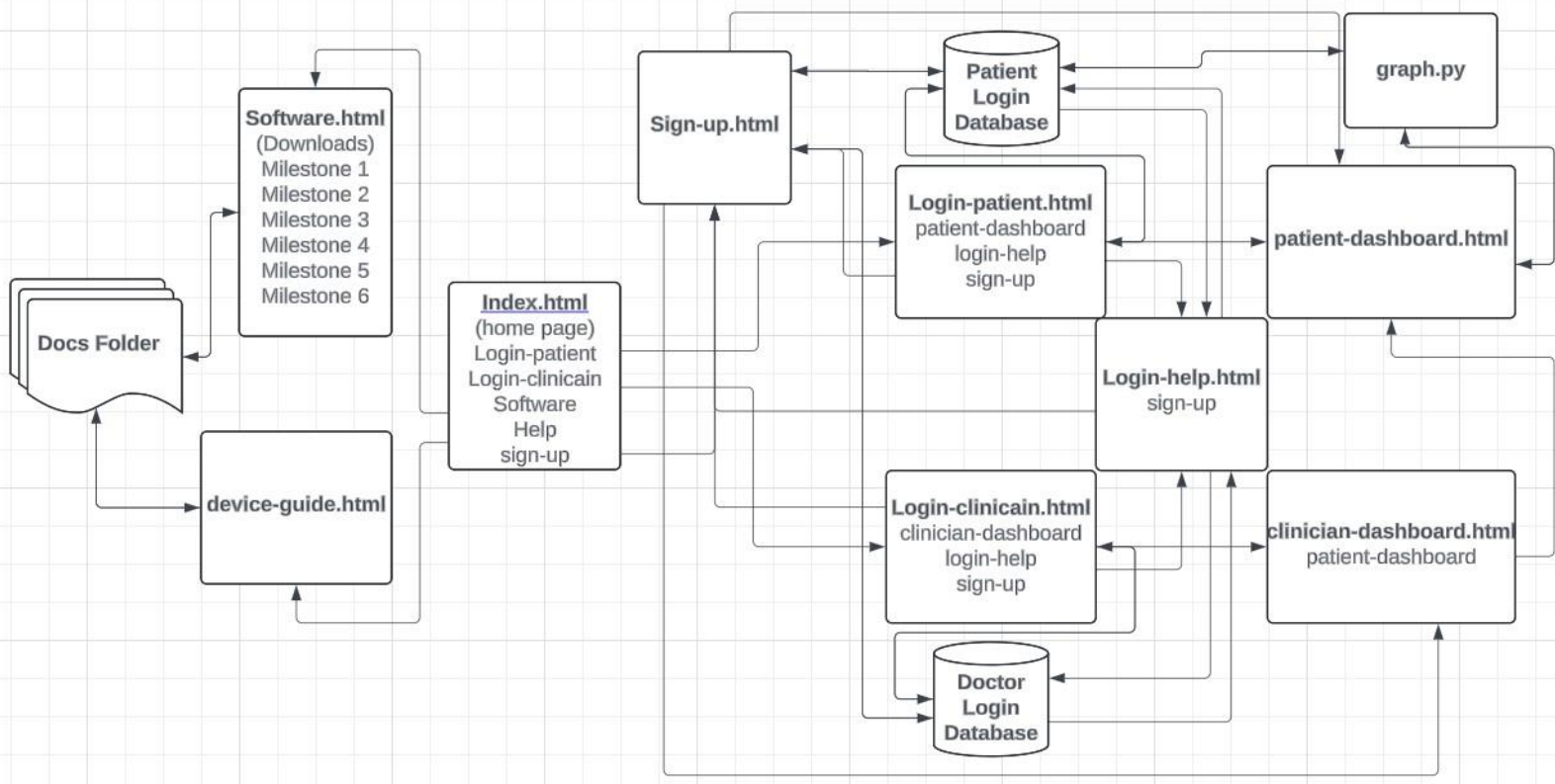


Design Document



(Docs is a folder that will hold all documents and photos to be used on the website and no programs will be found inside the folder)

List of classes and their function:

- Software
 - Software will hold all the required materials for software engineering senior design 1 & 2 such as project plan, presentations, and milestone documents.
- Device-guide
 - Device guide will be a comprehensive guide on how to use the Smart Stride device.
- Index
 - Index is the home page and the first page you will see upon opening the link to the website. It will have descriptions of the device Smart Stride, two login buttons one for patients and one for practitioners and when clicked on will take you to `login-patient.html` or `login-clinicain.html`, a sign-up button that will trigger `sign-up.html`, software button that will guide you to `software.html`, and a help button that will take you to `device-guide.html`.
- Login-patient
 - Login-patient will be a page with two prompts and three buttons. The two prompts will be Username: and Password: when entering a username and

password the user can then click the submit button which will lead them to patient-dashboard.html after their credentials have been verified in the patient login database. The other two buttons will be Forgot username or password which will lead the user to login-help.html and the other will be a sign-up button that will lead the user to sign-up.html

- Login-clinician
 - Login-clinician will be a page with two prompts and three buttons. The two prompts will be Username: and Password: when entering a username and password the user can then click the submit button which will lead them to clinician-dashboard.html after their credentials have been verified in the clinician login database. The other two buttons will be Forgot username or password which will lead the user to login-help.html and the other will be a sign-up button that will lead the user to sign-up.html
- Login-help
 - Login help will be a page that asks the user to enter their username and answer a security question. If the username matches a username in the database and the security question is correct the user will be given their password. After receiving this the user can go back to the login page.
- Patient-dashboard
 - The patient dashboard will connect to the Patient Login database through a python file called graph.py. graph.py will collect the CSV file data of the user from the database and turn it into a graph that will be displayed on the patient dashboard.
- Clinician-dashboard
 - The clinician dashboard will display a list of patients that are linked to the clinician that signed in. If the clinician would like to view the data of one of the patients he can select a patient and be brought to that patient's dashboard through patient-dashboard.html
- Graph
 - Graph will be given a user to create a graph for then retrieve the data for that user from Patient Login database. Once the data is retrieved from the CSV file it will be formatted into a graph display that it will send back to the patient dashboard for viewing.
- Sign-up
 - Sign up will have multiple prompts for the user to answer questions such as Username, password, are you a patient? If so who is your practitioner:, first name, last name, security question.

GUI Examples:

Help

Software

Smart Stride

What is smart stride well this is some information. This is only for example. What is smart stride well this is some information. This is only for example.

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Patient Portal

Clinician Portal

Sign-Up

Help

Software

Patient Portal

Username:

Password:

Need to sign up for an account?

Sign-Up

Want to work with us?

Clinician Portal

Example Diagram of Patient Login database:

Username	Password	First Name	Last Name	Doctor	Security Question	Security Question Answer	CSV File
Cgrummer	1234	Cianna	Grummer	Dr. Suess	Dog's Name:	dogsName	Cgrummer.CSV

Example Diagram of Clinician Login database:

Username	Password	First Name	Last Name	Security Question Answer	Security Question	Patients List
GreenEggs	AndHam	Theodor	Suess	How many fish?	Two fish	Cgrummer CatInTheHat ThingOne ThingTwo