Cares Tracker – Sprint 1 Plan

Date: February 5, 2021 – February 19, 2021

Infrastructure Work:

1. Database Connection Class
   a. Owner(s): Kevin
   b. Deadline: Feb 10
   c. Details: Create a code-behind class to standardize database operations.
2. Design Database Tables
   a. Owner(s): Wilson
   b. Deadline: Feb 10
   c. Details: Create database tables on Temple server.
3. Configuration Files
   a. Owner(s): Kevin
   b. Deadline: Feb 10
   c. Details: Set up configuration file with credentials. Ignore from Git.

System Functions

4. Create a CHW
   a. Owner(s): Tyler
   b. Deadline: Feb 10
   c. Details: Implement the "Create a CHW" page. Create a custom object for CHWs and post to database.
5. Create a Resident
   a. Owner(s): Ryan
   b. Deadline: Feb 15
   c. Details: Implement the "Create a Resident" page. Create a custom object for residents and post to database.
6. User input validation
   a. Owner(s): Sneha
   b. Deadline: Feb 19
   c. Details: Validate input fields for the "Create a Resident/CHW" pages.
7. Login System
   a. Owner(s): Tyler
   b. Deadline: Feb 12
   c. Details: Implement the ability to log in with a username and password that's checked against the database for verification
8. Encryption

  a. Owner(s): Kevin
  b. Deadline: Feb 12
  c. Details: Research/Implement encryption to be able to securely store data in the database
9. Validation Class
  a. Owner(s): Wilson
  b. Deadline: Feb 12
  c. Details: Create a class with methods used to validate user input
10. CHW Creation Stored Procedures
  a. Owner(s): Tyler
  b. Deadline: Feb 10
  c. Details: Create stored procedures to create and save a new or update existing CHW profile to the database
11. Resident Creation Stored Procedures
  a. Owner(s): Ryan
  b. Deadline: Feb 17
  c. Details: Create stored procedures to create and save a new or update existing Resident profile to the database
12. Client-Side Validation
  a. Owner(s): Xinwen
  b. Deadline: Feb
  c. Details: Create JavaScript classes to validate user input before post backs.
13. CHW List Page
  a. Owner(s): Xinwen
  b. Deadline: Feb
  c. Details: Design a page that will list CHWs in a GridView and link admins to their individual management pages.
14. Login System Stored Procedures
  a. Owner(s): Kevin
  b. Deadline: Feb 11
  c. Details: Create stored procedures to check user input against database for login verification
15. Responsive UI Update: ResidentProfile
  a. Owner(s): Sneha
  b. Deadline: Feb 19
  c. Details: Update the ResidentProfile page to have a responsive design for iPad usage.

Research:

16. Research Amazon Lightsail/AWS
    a. Owner(s): Sneha, Xinwen, Ryan, Tyler, Kevin, Wilson
    b. Deadline: Feb 11
    c. Details: Read up on amazon documentation for lightsail, as well as find supplementary resources from the web to share with team.