# **Project Closure**

CSE 6324: Agile SE - SP 2022

Project Title: Personal Health Monitoring System (PHMS)

Project Type: Web Application

## Team 4

#### Team members

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Submitted to: Prof Dr. Bahram Khalili

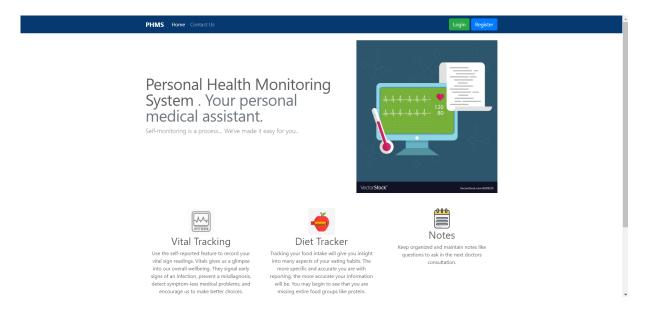
Version: [1.0] Date: [04/28/2022]

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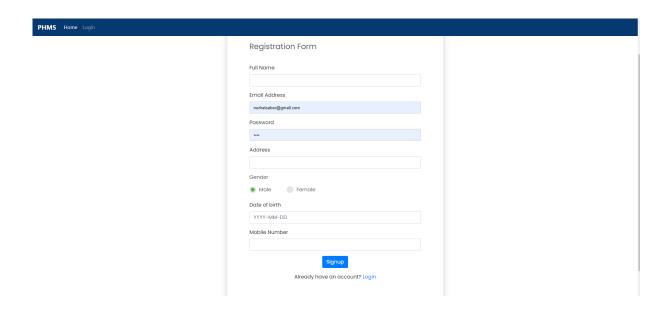
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## 1. User Manual

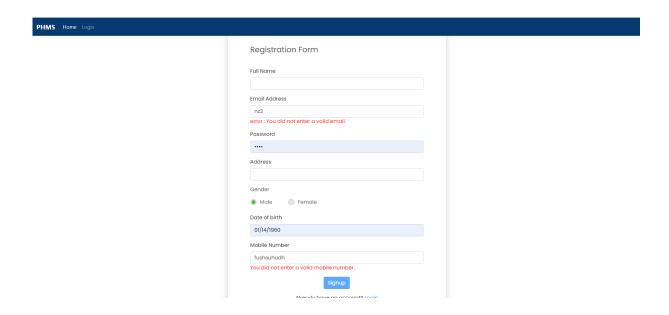
## 1.1 Landing Page



## 1.2 Registration Page



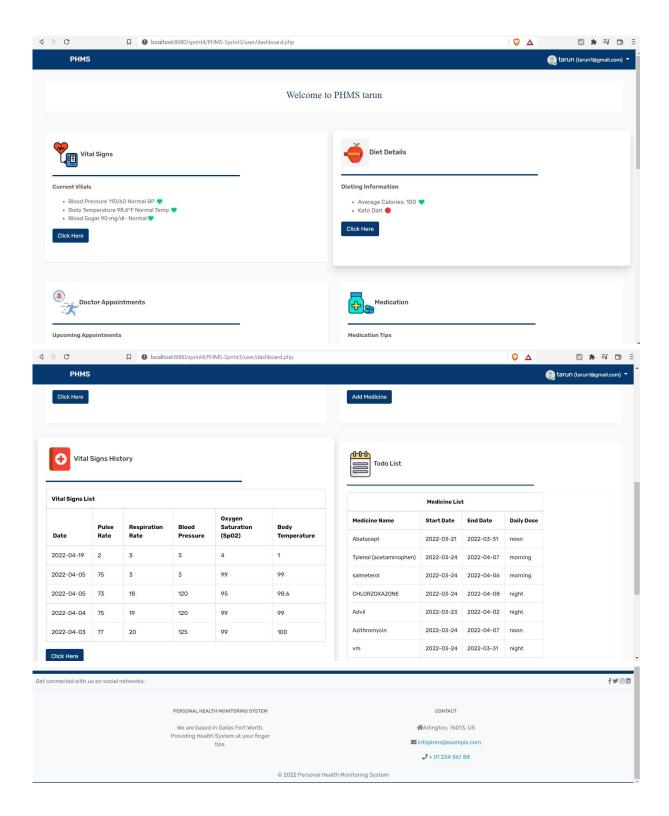
## 1.3. Validate Registration



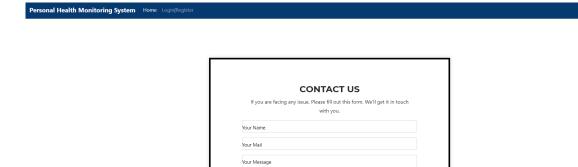
## 1.4. Login Page



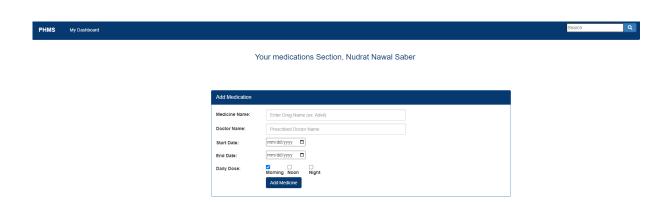
#### 1.5 Home Page



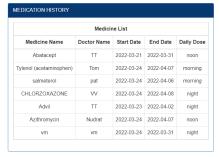
## 1.6. Support/Contact Page



#### 1.7.Medication Form

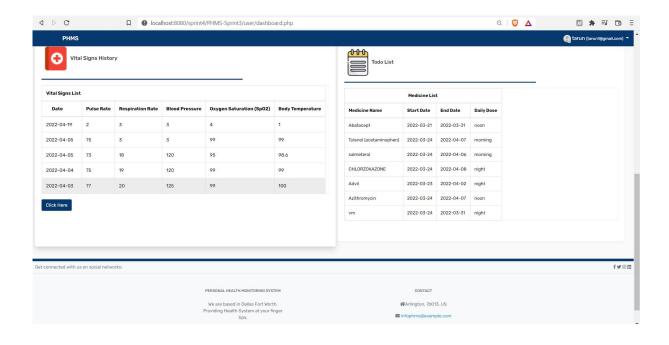


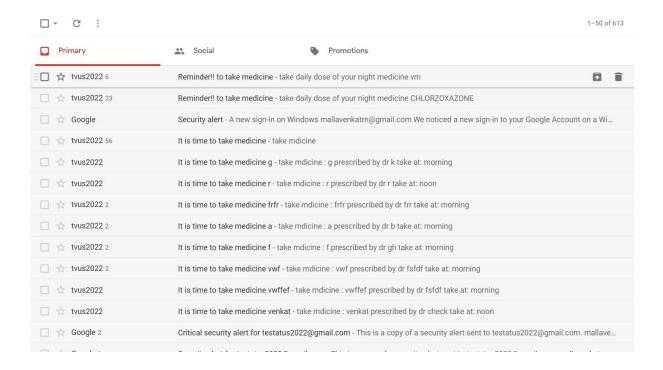
#### 1.8. Medication Listing Page



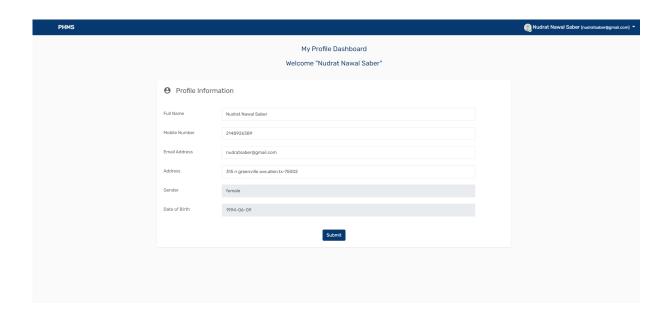


#### 1.9. Notification by Email to Take Medicine

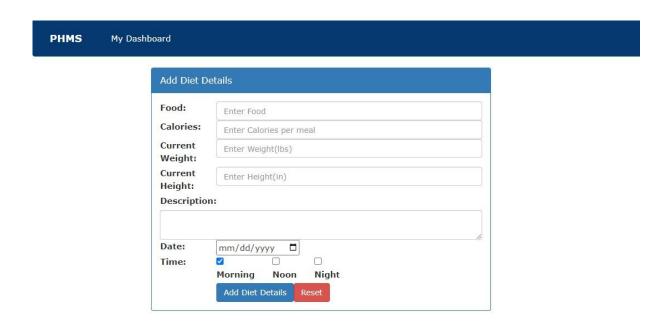




#### 1.10.Profile Page



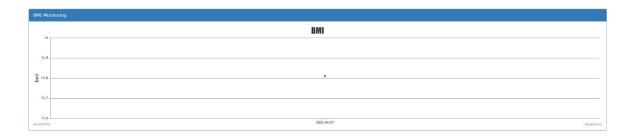
#### 1.11. Diet Information Form

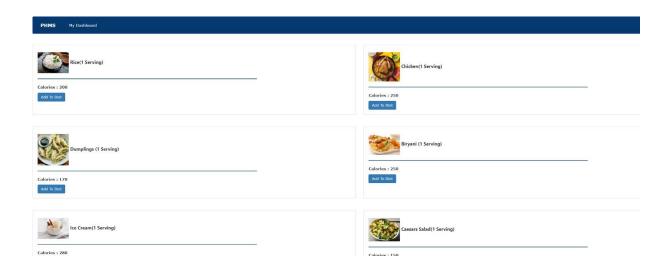


## 1.12.Diet Listing Page (Date and Meal)

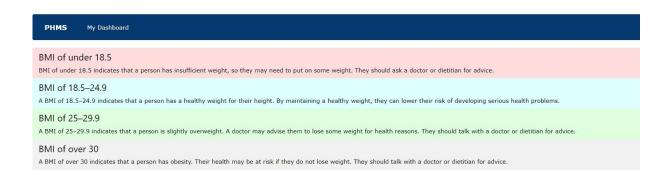


#### 1.13. Diet details page



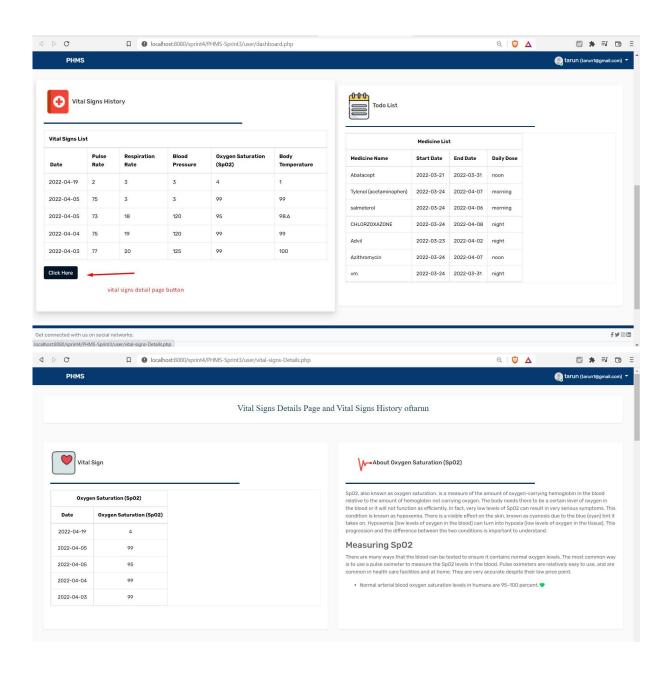


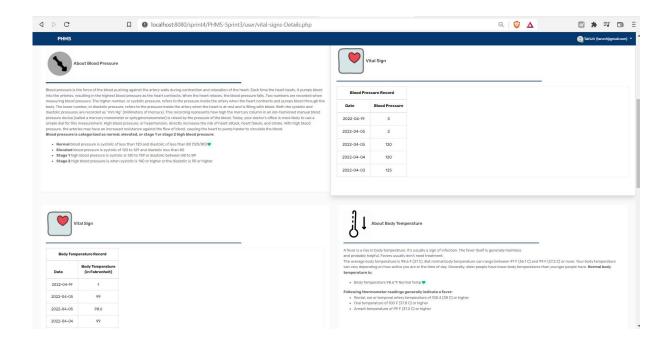
#### 1.14.BMI Calculator



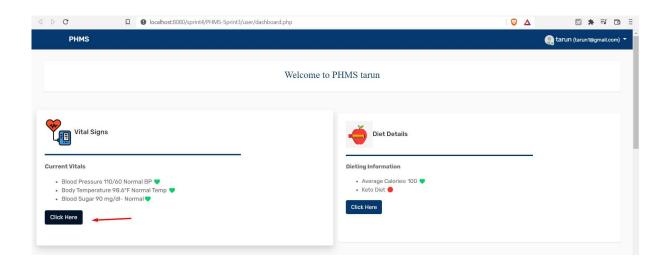


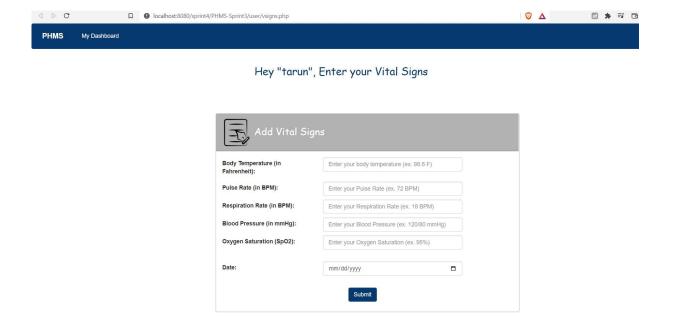
#### 1.15. Vital signs history page



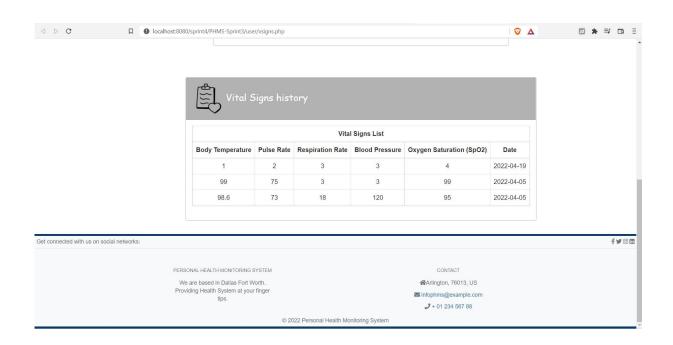


## 1.16. Register Vital Signs

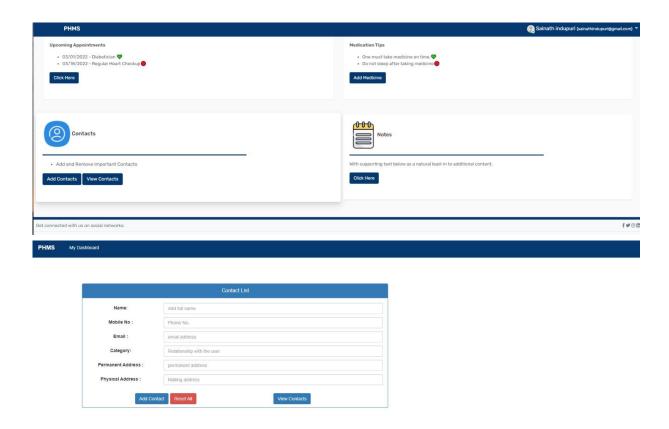




## 1.17. Vital sign details page



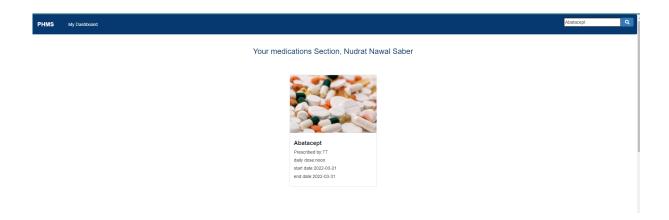
## 1.18. Communication form (Add/Edit)



## 1.19. Communication Listing Page



## 1.20. Search Medication/Stored Data



#### 1.21. Add/Delete Note list

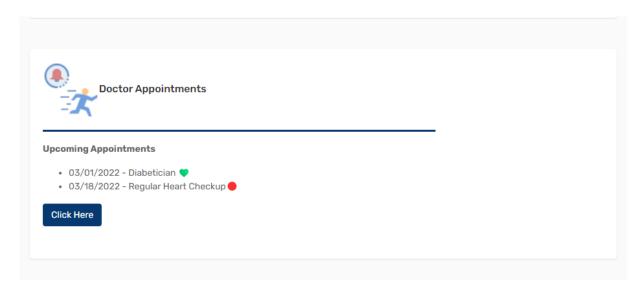


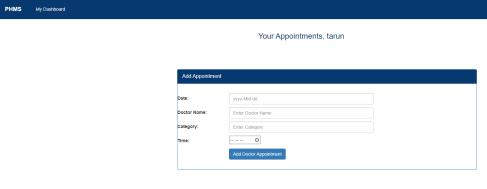
## 1.22. Note details page (View/Edit)





## 1.23. Doctor Appointment Reminder







#### 2. Future Plan

In this period of 5 sprints, we have tried to complete all of the required criteria as we had envisioned. Still, we considered a few points that can improve usability and the overall experience.

- We have considered Setting up virtual/online doctor visits through our system so that a user could select a date and look at the availability of their doctors on particular days.
- Also, setting up a portal for doctors to handle their patient's records and manage their appointments, chat online, Etc., would increase the doctor's experience using the application.
- We are planning to add family members' diet details also so that the user can follow up on his loving ones.
- We have planned to allow users to upload their prescriptions and reports in image/pdf format and use OCR to convert images/ pdf to texts and store required information in the database. In addition, developing IOT health products that can be programmed with the latest technologies to obtain ECG, Heart rate, and other vitals directly from the physical device to our system will make the application more dynamic and versatile.
- We will keep a premium option. We have a plan to integrate payment options so that a user can use all the premium options by purchasing them.
- Building cross-platform mobile applications, that is, both android and ios using Flutter framework by google. Also, by using the Flutter framework, we will be able to build a desktop application as well for users. This involves certain costs which will be evaluated before implementation
- Integrating our Personal Health Monitoring System(PHMS) application for the apple watch and other leading smartwatches to utilize the health functionalities available with the watch and update it to our system will add robustness to the experience.

## 3. Group Photo

It's been three months, and we all were together on this exciting journey. Cheers to the entire team!

