

CSCE 606: SOFTWARE ENGINEERING

TEAM NAME: MAROON DEVELOPERS

ITERATION 0

TEAM MEMBERS:

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CUSTOMER DETAILS:

Name: Shobhna Saini (Practice Administrator, Texas Avenue Medical Clinic)

Meeting Details: Friday, Mar 2, 2018, Time: 5:30pm – 7:00pm, Texas A&M Annex Library

TEAM ROLE:

SCRUM MASTER: Reshma Sreelatha

PRODUCT OWNER: Sheena Goel

Summary of Project:

Objective: To develop an attractive and convenient user interface which can recommend and encourage patients to participate in the wellness classes of their interest.

Current Problem: Most of the patients that visit the clinic are reluctant to use Web Based Apps as they find it difficult to use. Patients fall in the age group ranging from 4-60 with diversified education qualification. There is information available about the various classes but no automated way to let the patients know about it and that can help admin to get the headcount of patients interested in joining fitness/wellness classes.

Project: Make a Web based application that will help clinic to get statistical data on how many patients are interested in enrolling in a particular Wellness class. It will help the clinic to schedule the classes better based on patient's time slot preferences. Currently there are only two ongoing classes that clinic can support but they are open to suggestions by patients. So, our customer also wants us to add an additional feature to app that it should have the capability of taking inputs from patients if they are interested in any other class. For getting help from front desk, we should provide a Help ICON on top.

GitHub Repository:

https://github.com/sheenagoel/MaroonDevelopers_PatientWellness.git

Video Link:

<https://vimeo.com/258704330>

Pivotal Tracker Link:

<https://www.pivotaltracker.com/n/projects/2155172>

User Stories:

Feature: Recommend appropriate wellness classes to users.

As an Administrator:

I need to be able to recommend patients about the existing wellness classes based on a questionnaire.

Feature: Select the appropriate time for classes based on user preference

As an Administrator:

I need to be able to take inputs from the user about their preferred time slot for the classes which they are interested in so that I can schedule the classes based on this information.

Feature: Access statistical data for recommendation

As an Administrator:

I need to see the number of patients interested in existing classes or if they want some new classes which we can arrange.

Feature: Make the app easy to access

As a patient:

I need a simple interface with help icons which can be used by people who are not quite familiar with technology

Feature: HIPAA compliance.

As an Administrator:

I need the app to be HIPPA compliant so that personal medical information of patients is not compromised.

Lo-fi UI mockups and storyboards:

