SENG 205 Project Outline, T3 2022

Refer to the following interview scenario, and you have to generate requirements for developing a system for "Melbourne Medical Clinic". The "Melbourne Medical Clinic" who offers broad range of health services needs to have a new automated system. Following are the records of an interview with a few stakeholders about their requirements from the new system.

Center Manager:

New patients should be able to see the information about the different health services that are offered by the clinic. Only registered patients can attend the clinic.

This is the way how a new patient can register with the clinic:

- There are multiple of health services the clinic offer, like: General health services, skin care, dental, physiotherapy, etc…
- The patient will first select which of health service he/she is interested in.
- There are multiple levels and options of each service. The person should select one option to proceed (Example dental service may have different options such as: clean up, check-up, whitening, etc.).
- The fee of the service should be visible to the patient to make a decision.
- The final fee should be shown to the patient, so the person can proceed with confirmation. At any point, it should be easy for the user to go back and make any changes.
- After the patient is satisfied with the option, the patient can pay the fee to successfully confirm the registration.
- We want to offer multiple modes of payments like master card, credit card, PayPal, Zippay, afterpay etc. We want to ensure that the transaction is secure.
- When a patient is successfully confirmed registration, they will receive a patient ID and password so they can attend to the clinic.

Patient:

- Generally, it is very easy to go see a person at a reception who can understand my requirements, discuss the options with me and register to the appropriate service, but for online registration, many websites require filling out long application forms. So I would expect that registering in online should be easy and quick.
- I should be able to select the appointment time in which I am interested in attending the clinic. And if in case I should be able to cancel and reschedule my appointment.
- I would expect that apart from the scheduled appointment, I should be able to talk to the doctor (maybe via email or any other suitable option) for an emergency.
- My medical records or test results shouldn't be visible to anyone else except me.
- I should be able to access the system from any device (Example: Mobile)

Medical Practitioner:

- All appointments are maximum 30 minutes.
- I should be able to schedule the appointment slots according to my availability
- The patient should be able to select the appointment slots they are interested in.
- For the online system, I would expect that I can upload the medical records and test results and these documents are available to authorized patients only.
- I should be able to cancel or reschedule any appointment.

2.0 Important Dates

Assessment 4 - Presentation 10% Week 12

More requirements are to be elicited from the client through weekly meetings with the Center Manager of Melbourne Medical Clinic. For the purposes of this assignment, your lecturer will act as the Center Manager of Melbourne Medical Clinic. The meetings are to be conducted during the weekly consultation hour with your lecturer and during tutorials.

These requirements are subject to change depending on Melbourne Medical Clinic budget and political climate

Assessment Title	Weightage	Due date
Assessment 1- Individual Workshop	25%	Each Week
Assessment 2 - Initial Design, Plans, and Justification	15%	Week 5
Assessment 3- Project Report	50%	Week 11
Assessment 4- Presentation	10%	Week 12