SOFTWARE ENGINEERING

Section: A   Group: 03

Title: Medi-Care.

Description:

Moderns days health care facilities get so many improvements. But in our county, many people can't take proper treatment for their health problems, spicily in rural areas, people don't know how to get treatment from hospitals and they don't know which would take better health care in their nearby hospital. Using our software, they will know which hospital is better at curing diseases and they will know the cost and the number of cabins available, and also, they know the location of the hospital.

Problem and Solution:

This project will solve the patient's finding hospitals for their treatment. Many patients can't find a proper hospital for their particular disease. Sometimes they go to the hospital for their treatment but they later find out they don't have any facilities for some diseases. So, the patient got a hassle and lost a lot of important time. Even if they found a hospital but they are also facing the problems of high price cabins or low treatment facilities. So, we are building a solution where the patient can easily find their particular hospital.

Objective:
1. Reducing patient treatment costs
2. The patient can know in advance which hospital he will get the best service
3. Hospitals can also compare themselves with other hospitals and improve their service quality
4. Patients can check the availability of hospital cabins online and book them
5. Patients can tell their symptoms and know the name of their possible disease and which hospital near their home is offering the best treatment for that disease at the lowest cost.
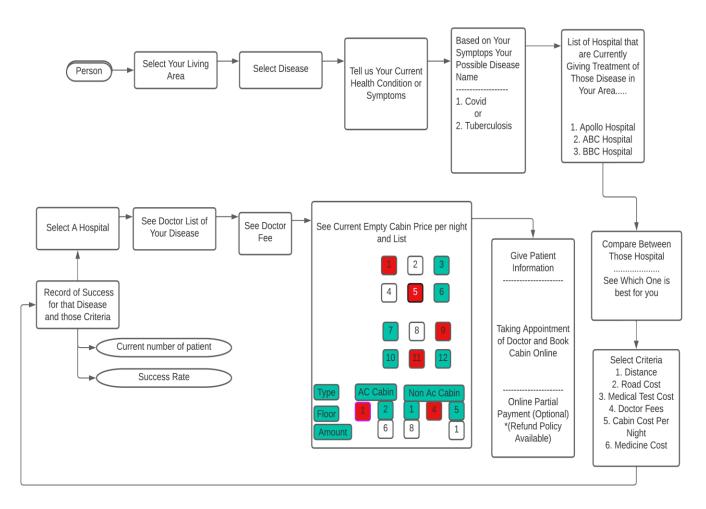
Target User:

Patients are our primary target users. So, patients will get the most benefit from this project and they easily use our software to find hospitals.

Functionalities:

1. Using this software, patients have to select their location, disease or symptoms, and current condition. Then they will see a list of hospitals in their location based on distance, road cost, medical test cost, and doctor's fee, cabin cost, medicine cost.
2. Patients can see their hospital rating by the success of that disease. And they also see a list of doctors for that disease and fees and the number of current patients.

3. Then the patient can see the available cabin and price.
4. Patient gives his/her information.
5. After that patients can appoint a doctor and book cabins in online using our software.
6. Patients can also pay partially using this software which is optional.

Diagram of our project