

Information Gathering

Interviewing

- Through an interview with some responsible doctors in the emergency department. We came up with some information to help the patient and the doctors through this project.

Question	Answer
What are the necessary procedures that take place upon the arrival of the patient?	When the patient arrives at the hospital. We do an examination for the patient to know the degree of awareness, pressure, temperature, blood type, pulse, and random blood sugar. And also a full examination to know the diseases that the patient suffers from and the condition of the disease
How can we help the doctor to save the patient in the fastest time?	You can help the doctor by recording the patient's blood type and medical history
How can you reach the patient's family?	If the patient holds the ID card. We can communicate through his residential address and this needs time. If he does not have a personal card, we download a picture of him on social media in order to identify him

Brainstorming

Through discussions. We have reached some of the requirements in order to do this project

Register

- The patient can record personal data such as his residential address and the numbers of the closest people to him

Login

- The customer can log in by scanning the QR or registering with the national number.

Personal data

- Instead of having difficulty reaching the patient's family, you can, through the application, know the numbers of the patient's family in order to communicate with them

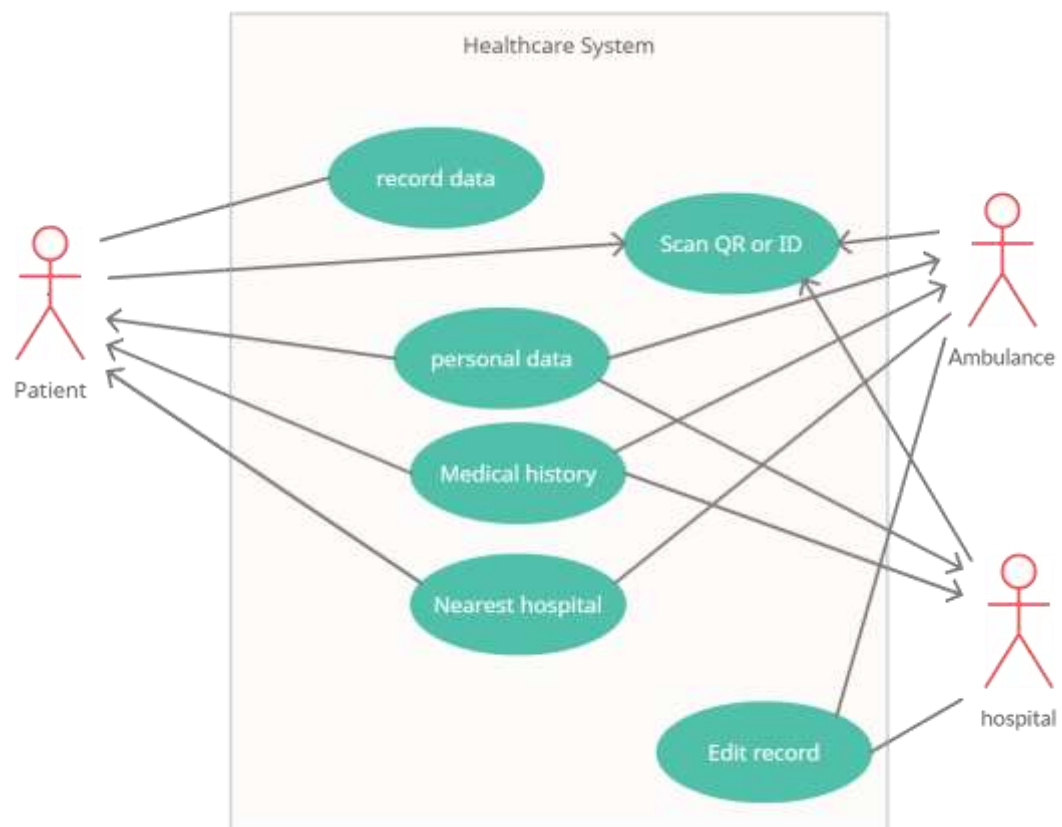
Medical history

- In order to help the doctor and save time in the tests. Through the application, the doctor can know the blood type, medical history and pathology that the patient suffers from

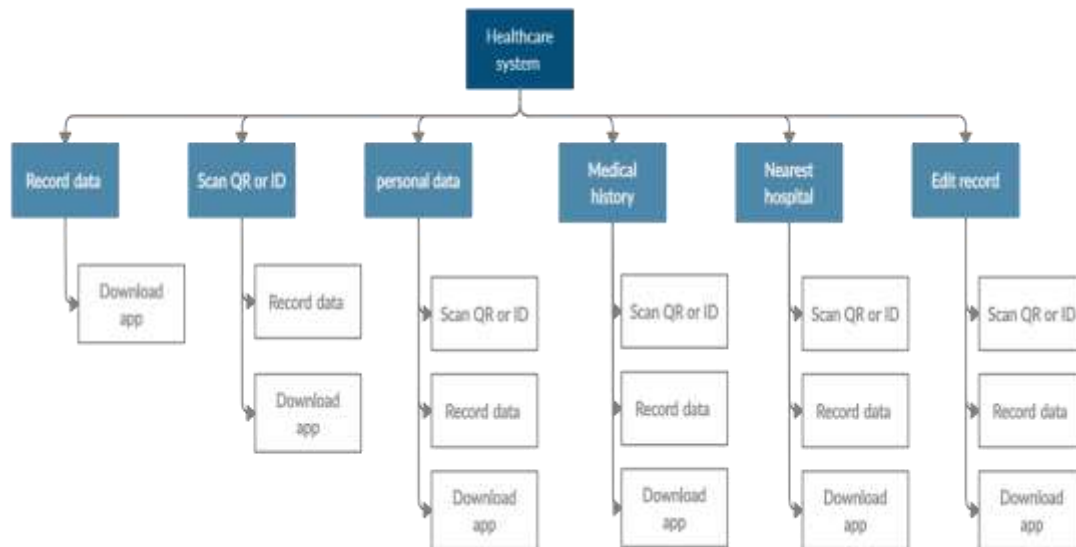
Nearest hospital

- The application displays the nearest hospital to the patient to save the patient as soon as possible

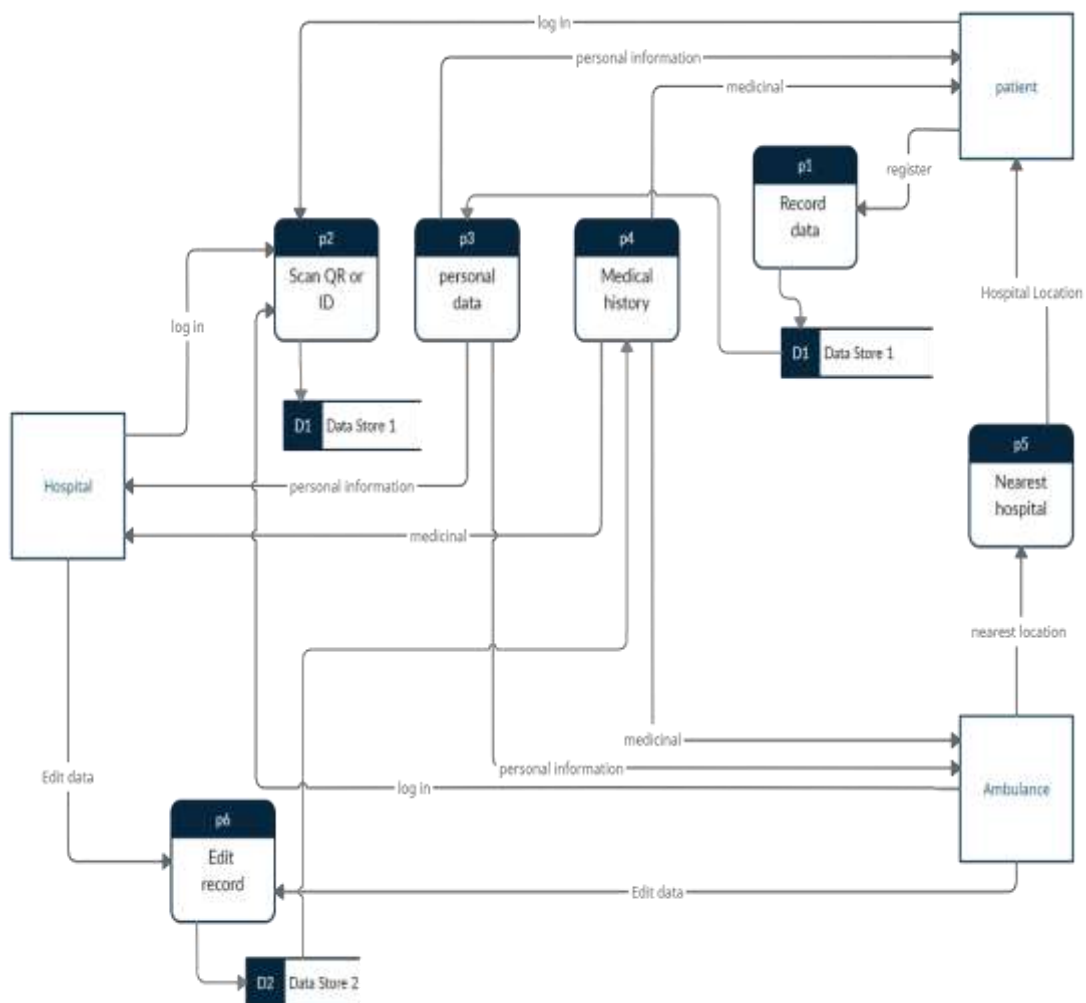
Use Case



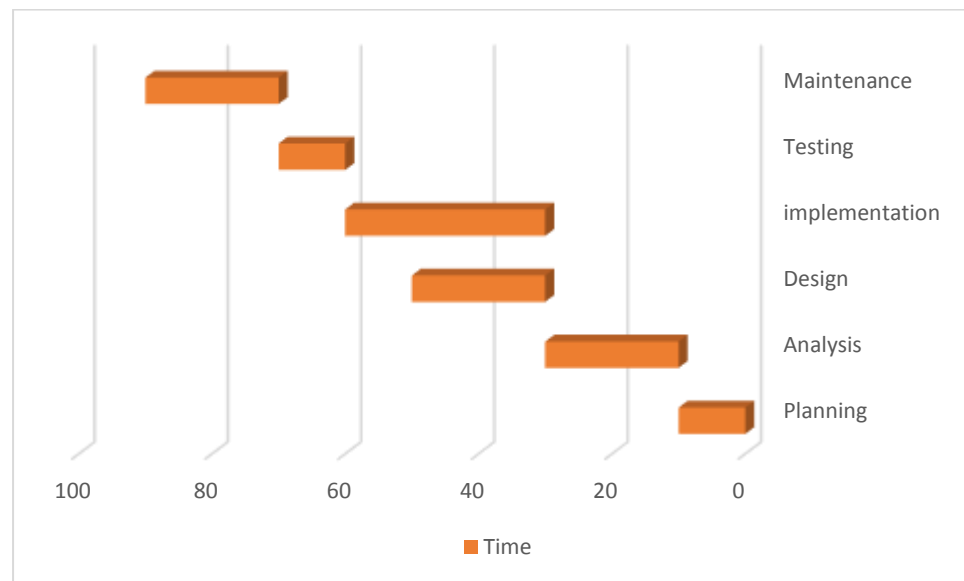
Functional Decomposition



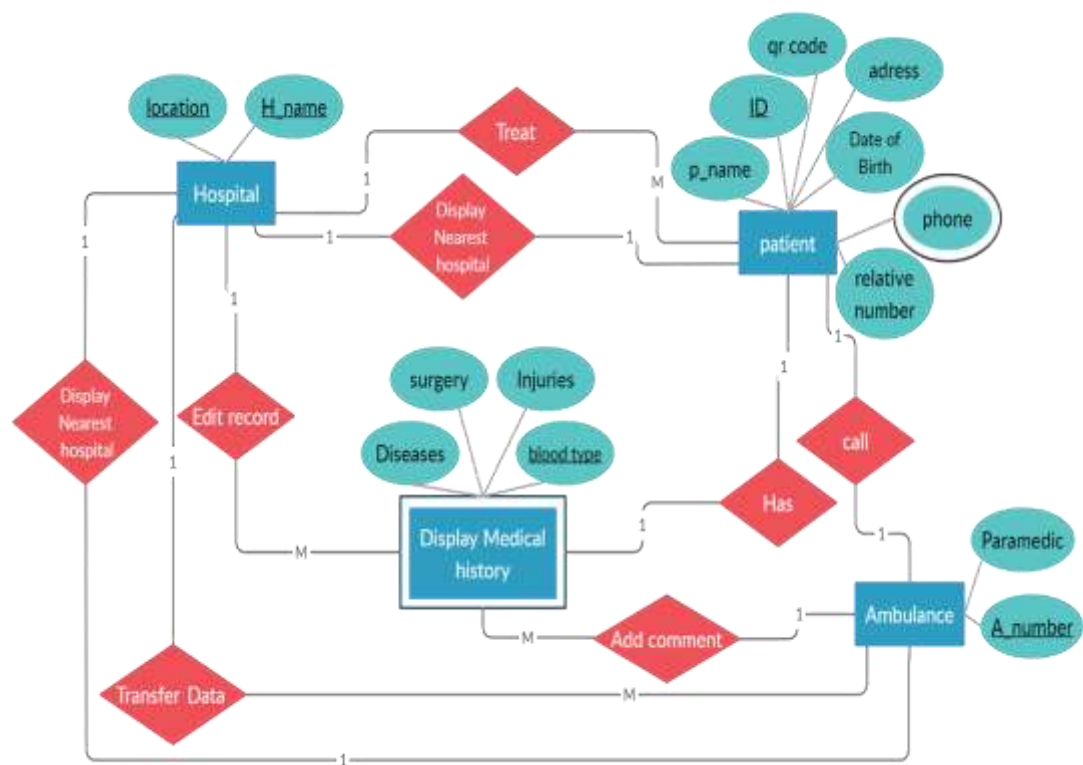
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Mapping

patient

p_name	<u>ID</u>	qr code	adress	Date of Birth	relative number	<u>location</u>
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patient_phone

<u>phone</u>	<u>ID</u>
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Display Medical history

<u>blood type</u>	Injuries	surgery	Diseases	<u>ID</u>	<u>location</u>	<u>A number</u>
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Hospital

<u>location</u>	H_name	<u>A number</u>	<u>ID</u>
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Ambulance

Paramedic	<u>location</u>	<u>A number</u>	<u>ID</u>
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