



Save A person

Dr :Ahmad Salah
eng :Heba Khater

Save a person

The idea of this project is to show to the patient the right place where he can be cared and avoid delay which sometimes be dangerous

The project help in decrease the rate of death in Egypt that happened because of the lack of beds in the hospitals

We achieve this by build a network of intensive care unit in the hospitals with help of individuals who are working in the hospitals

Save a person

The project depend on network of ICUs and hospitals and use Google maps to show to the patient or ambulance man the path to nearest suitable hospital

Doctors

Doctors update
free and busy
beds of his
departments.





Doctors

- Every doctor login to his page.
- Doctors could update the free and busy beds of the departments he is responsible for it.
- Doctors can update his personal data.

Patient

- network of intensive care units we made it for the user to make him get to the nearest place to take care in it without delay.
- Patient select the kind of ICU he want and then he will see in the map the shortest path to it.
- Patient can search for medicine or the ambulance man can use expert system which based on some vital information of the patient to know the suitable ICU and then the application will show him the path.



Patient



- Patient location detected by the GPS in the web application or mobile application.

Hospital admin

- Hospital admin is the responsible for add or delete privileges for a doctor to be supervisor to specific department and also add new department.



Hospital admin

- Hospital admin has login page which he access the system from it to do its tasks.



Hospital admin

- Hospital admin can get all updates that happened in the systems by the doctors to detect if something wrong.



Pharmacy manager

- pharmacy manager is responsible for add new medicine to the pharmacy of the hospital or delete medicine or update it.



System admins

- System admins is responsible for every thing in the entire system it has privileges of doctor and hospital admin.



Programming Problems

- one of the programming problems that we faced is storing and retrieving image of the doctor because of sometimes it may have large size it will be difficult to store it in MySQL database via android.
- So we use Cloudinary cloud server which is specialized in storing images and use it to store and retrieve image and only the image id stored in the database.

Future Work

- Add expert system for tracking all patients that will go to specific ICU in specific hospital and show alert to them if their number larger than the beds and advise them with another hospital.

