Patient Journey

Ghala Al-Suwayhiri ، Yara Al-Harthi ، Raghad Al-Harbi ، Wedad Hashim
Raghad Al-Harthi ، Shurooq Al-Otaibi

Supervised: Dr. Deafallah Al-Sadie

جامعة أم القرى
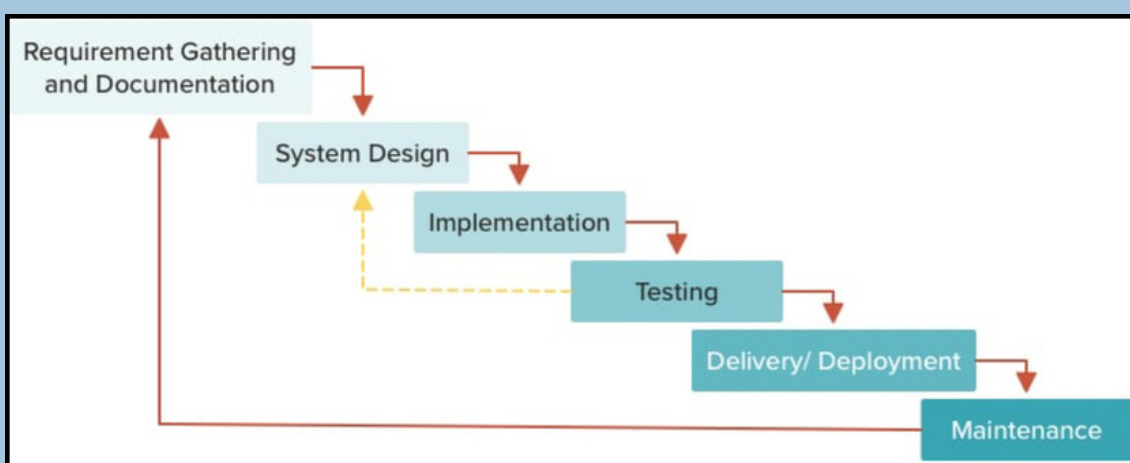كلية الحاسبات

Department of Software Engineering

Aim and Objective

We did not find an application that keeps the patient's medical record or allows the doctor to control the patient's prescription when needed, and the patient needs to conduct examinations every time he visits the doctor. In addition, the patient may spend additional time, effort, and money.

Abstract

In this project, we developed a medical application that links a person's ID number and acts as a medical file. This file contains all of their health information and is easily accessible and up-to- date so its patients to set a new medical appointment without the need to redo examinations.
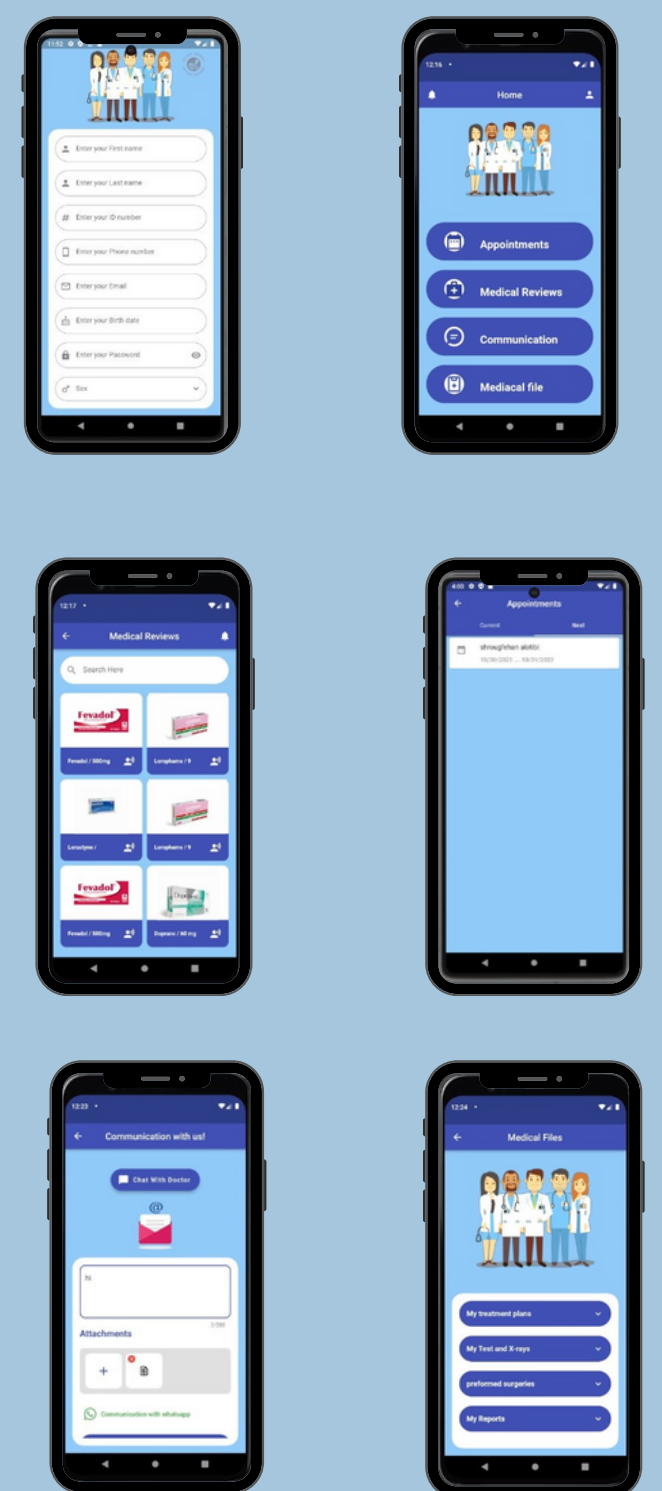
Methodology

Development Tools

Application Interface

Related Work

Comparison criteria	Cura	Alhabib	Sehhaty	Sanar	Labayh	Altibbi	Patient Journey
The possibility of registering as a doctor or patient with ID number	✓	✓	✓	✓			✓
The possibility of patient communication with his doctors	✓	✓	✓				✓
Enable the patient to view the treatment plan		✓	✓		✓	✓	✓
Enable the patient to view his case and receive doctors requests			✓				✓
Enable doctors to view the patient medical history					✓	✓	✓
Enable doctors to change the treatment plan							✓
Enable doctors to make the decision to change without the presence of the patient			✓				✓
Customize the application for medication reminders							✓
Enable doctors to monitor and follow the patient journey to the end			✓				✓

Conclusion

This application represents a qualitative leap in improving medical services provided to patients, and its helps reduce the burden on patients by providing its services through the application, where patients can obtain medical services faster and more efficiently.

Future Work

- Connect the system to the Ministry of health database
- Make the system multi-language
- Add a request for home services
- Add evaluationfor doctors

Contact Information

Supervisor Email: dbsadie@uqu.edu.sa