



Cover page

Project title: medical assistant application

Academic Year: 2024

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Department Name: Computer Engineering

Ahmad Amira

Project Type: software project

Supervisor Name: Dr .Amjad AbuHassan

Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

This medical assistant application addresses the critical need for EHR (Electronic Health Record) that is centralized and easy to access by the public, by organizing patient medication, medical history, appointments, and facilitating communication between doctors and patients. The project aims to enhance healthcare efficiency, reduce administrative burdens, and improve the effectiveness of the medicine by alerting the patient of the right way and time to consume it.

Key features include medication organization, appointment scheduling, verifying the right prescriptions to the patients, warning them if two prescriptions were to nullify or interact with each other, and secure doctor-patient communication for non-emergencies, and the ambulance if the app detects an abnormal activity, the project emphasizes user-friendly interfaces.

Objectives include improving patient outcomes, minimizing medical errors through accurate medication management, addressing some minor problems like getting the wrong prescription from the drug store, optimizing appointment scheduling, and fostering a more connected healthcare environment.

While various healthcare applications exist, this proposed medical assistant stands out by trying to be a one shoe fits all kind of app, making it tackle multiple problems at once, the only app you need to make sure you are in good hands and in safe hands.