Hospital App

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1. Problem Definition

With the large number of patients in Kuwait, there are many problems with the lack of effective patient-centered electronic platforms for all clinics in Kuwait. While these clinics provide basic healthcare services, patients face many challenges when trying to access information, schedule appointments, or find reliable resources related to a patient's health.

2. Current Status

Hospitals in Kuwait face many challenges in their digital presence and patient services. Many lack effective applications, which makes it difficult to communicate with patients in the digital age, and the available information is often insufficient, making patients dependent on oral referrals. Manual booking of appointments leads to inefficiency, while the lack of telehealth services restricts access. Online interactions are hampered by privacy concerns, and there is a dearth of educational resources. Language barriers and integration with healthcare systems pose further obstacles while ensuring compliance and patient participation remain critical issues. Therefore, addressing these challenges through a comprehensive patient-centered application is essential to improve patient healthcare services in Kuwait.

3. Proposed Solution

To solve these problems, we made an app for doctors, patients, and nurses.

The following is the idea of our App:

1) The admin can login

2) The admin can accept doctors

3) The admin adds articles about hospitals.

4) The Patient can log in and register on the app by scanning his digital card by mobile.

5) The Patient can show all doctors with details and Statement booking dates.

6) The patient can show all articles.

7) The patient can book an appointment with a specific doctor.

8) The patient can show all bookings to the doctors.

9) The patient can show a rejected booking with the cause of rejection from a doctor.

10) The patient can upload all his own prescriptions and add all details about the disease.

11) The nurse can log in to the app.

12) The nurse can show all bookings and can reject them with added comments or accept them.

13) The nurse can show all the articles.

14) The nurse can show all the details about patients that are accepted.

15) The nurse can show all tables for appointments of doctors.

16) The nurse can book an appointment for the patient as a consultation.

17) The doctor can log in and register by scanning his digital card on his mobile.

18) The doctor can add all nurses.

19) The doctor can show all the articles.

20) The doctor can add all Rest dates, vacations, and statement dates.

21) The doctor can show all appointment bookings for patients.

22) The doctor can show all the details about patients.