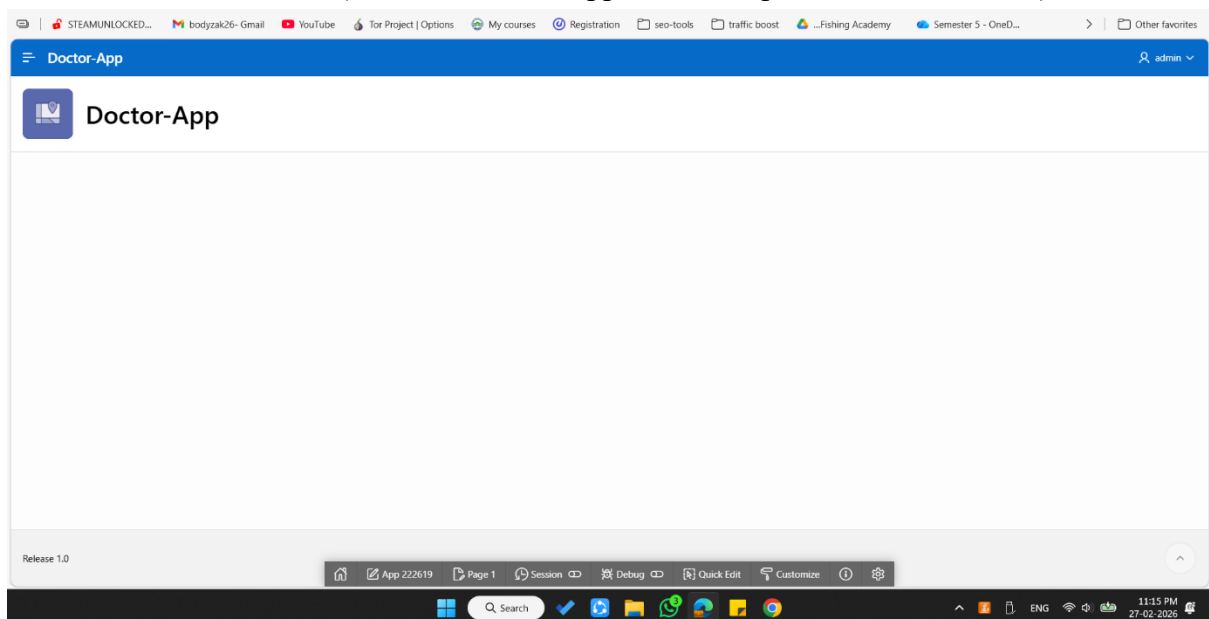


ACE Doctor Appointments Management App – Documentation

1. App Overview

The Doctor Appointments Management App is a simple and practical application designed to manage appointments between doctors and patients. It provides:

- User login (Doctors / Patients)
- Appointment scheduling and management
- Role-based views (Doctors see their appointments, patients see their own)



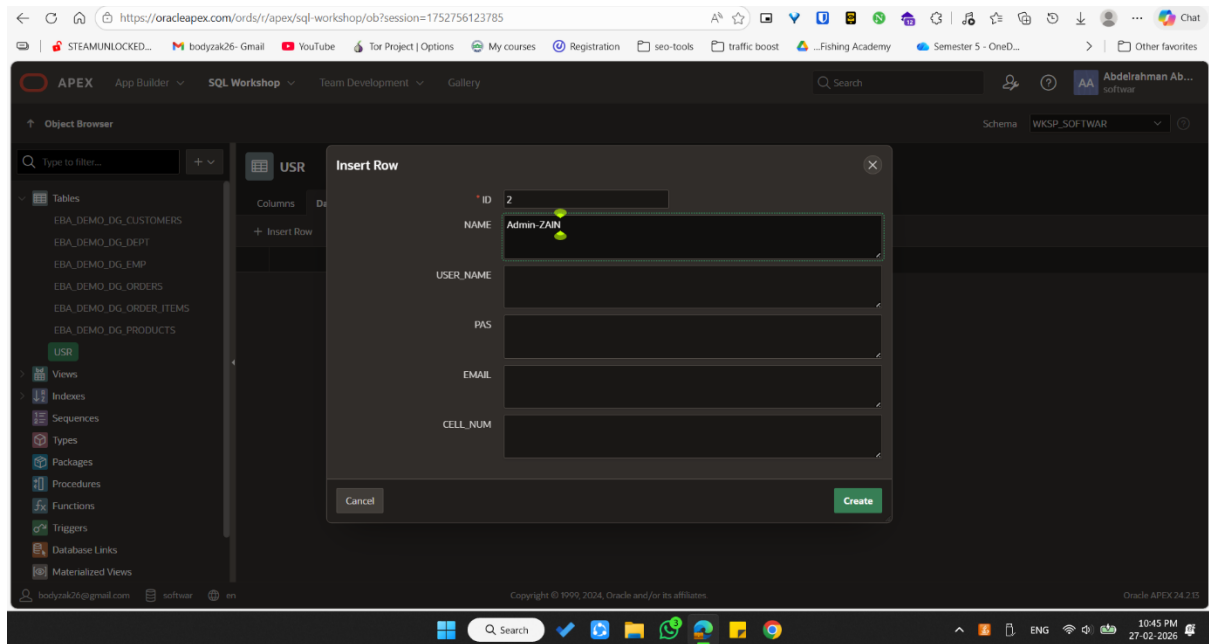
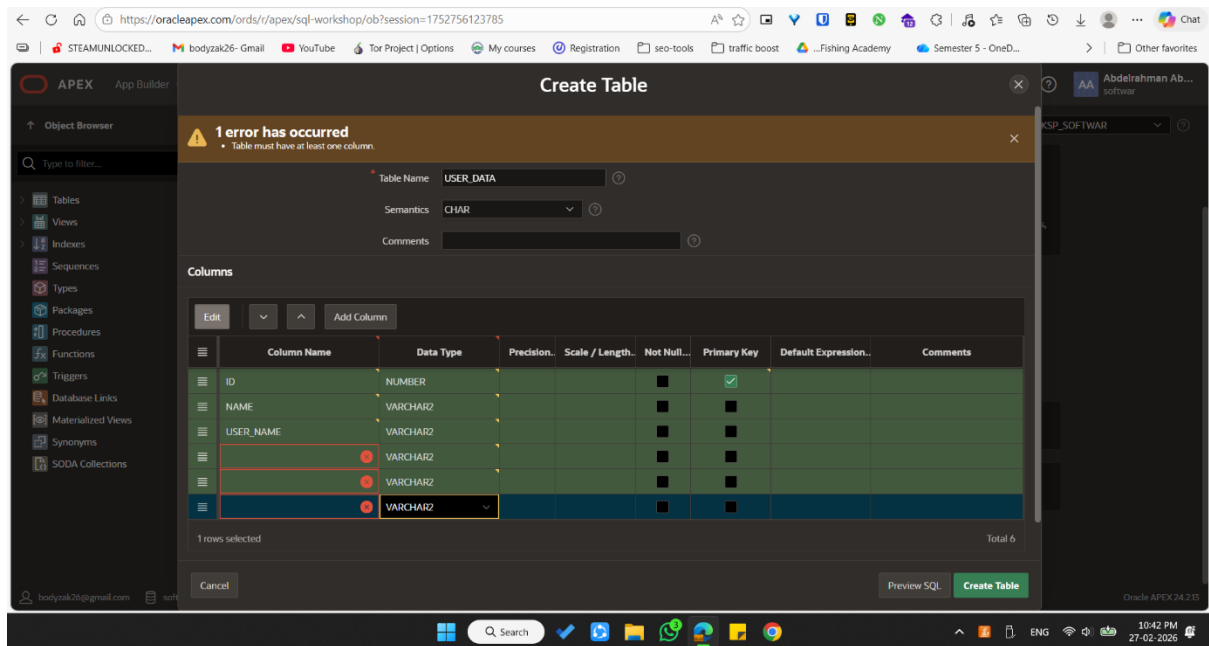
2. Database & Tables

USERS Table

Stores app users (Doctors & Patients).

Column	Type	Notes
ID	NUMBER (IDENTITY)	Primary Key, auto-increment
NAME	VARCHAR2(150)	Full name of user

Column	Type	Notes
USER_NAME	VARCHAR2(150)	Login username
PAS	VARCHAR2(150)	Password
EMAIL	VARCHAR2(150)	Email address
CELL_NUM	VARCHAR2(100)	Phone number



APPOINTMENTS Table

Stores all appointments.

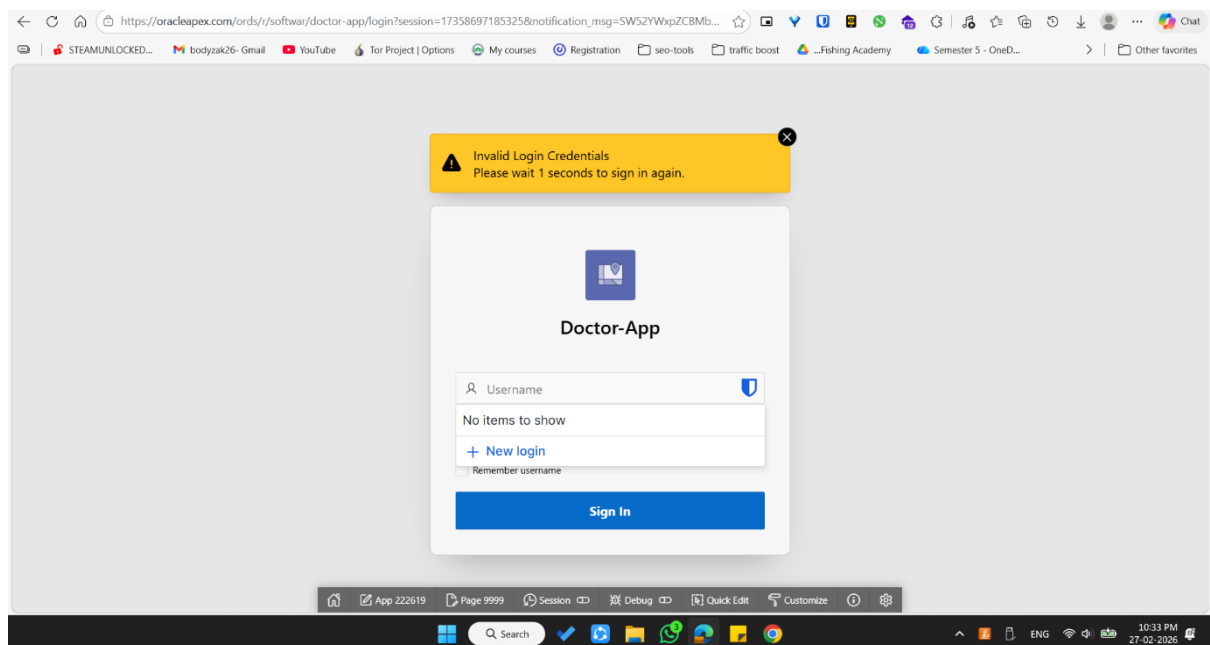
Column	Type	Notes
ID	NUMBER (IDENTITY)	Primary Key, auto-increment
PATIENT_ID	NUMBER	FK → USERS(ID), identifies patient

Column	Type	Notes
DOCTOR_ID	NUMBER	FK → USERS(ID), identifies doctor
APPOINTMENT_DATE	TIMESTAMP	Scheduled date and time
STATUS	VARCHAR2(20)	'Scheduled', 'Completed', 'Cancelled'
NOTES	VARCHAR2(1000)	Optional notes about the appointment

3. Application Features

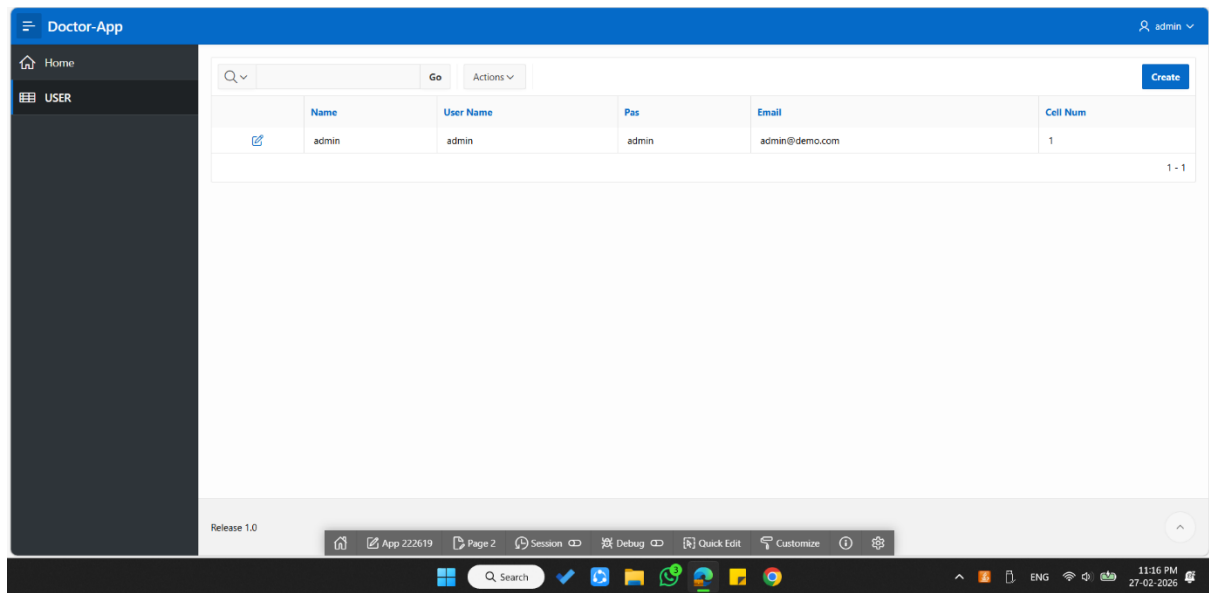
Login

Custom authentication using the USERS table. Doctors and Patients login using their credentials.



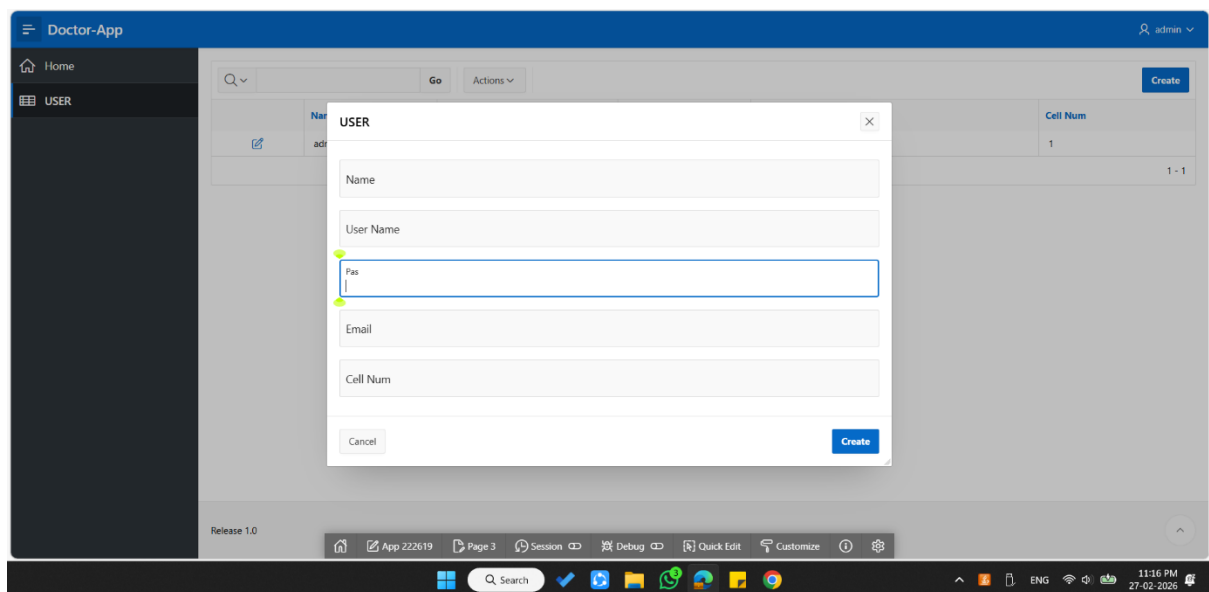
Appointment Management

Patients can create new appointments. Doctors can view and update appointment status. Both roles see filtered appointments based on their ID.



Reports

Interactive reports display upcoming appointments. Role-based filtering ensures privacy and clarity.



4. How It Benefits Users

- **Doctors** can efficiently manage appointments without manual tracking.
- **Patients** can book and view their appointments easily.
- Simplifies communication and scheduling, reducing missed appointments.