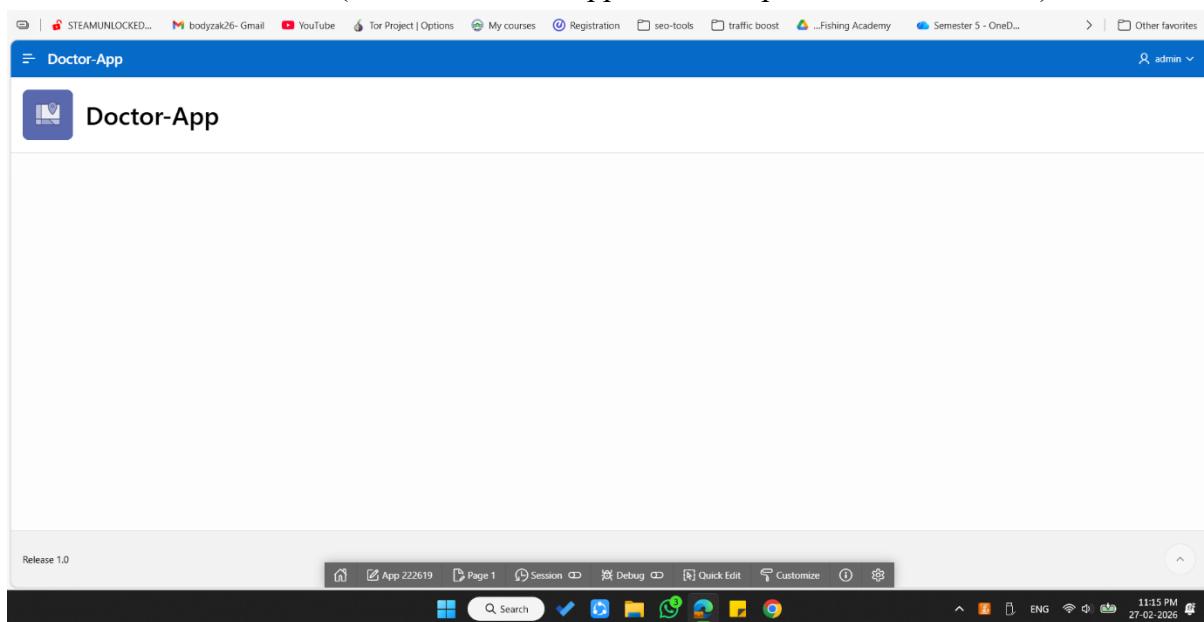


# ACE Doctor Appointments Management App – Documentation

## 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)



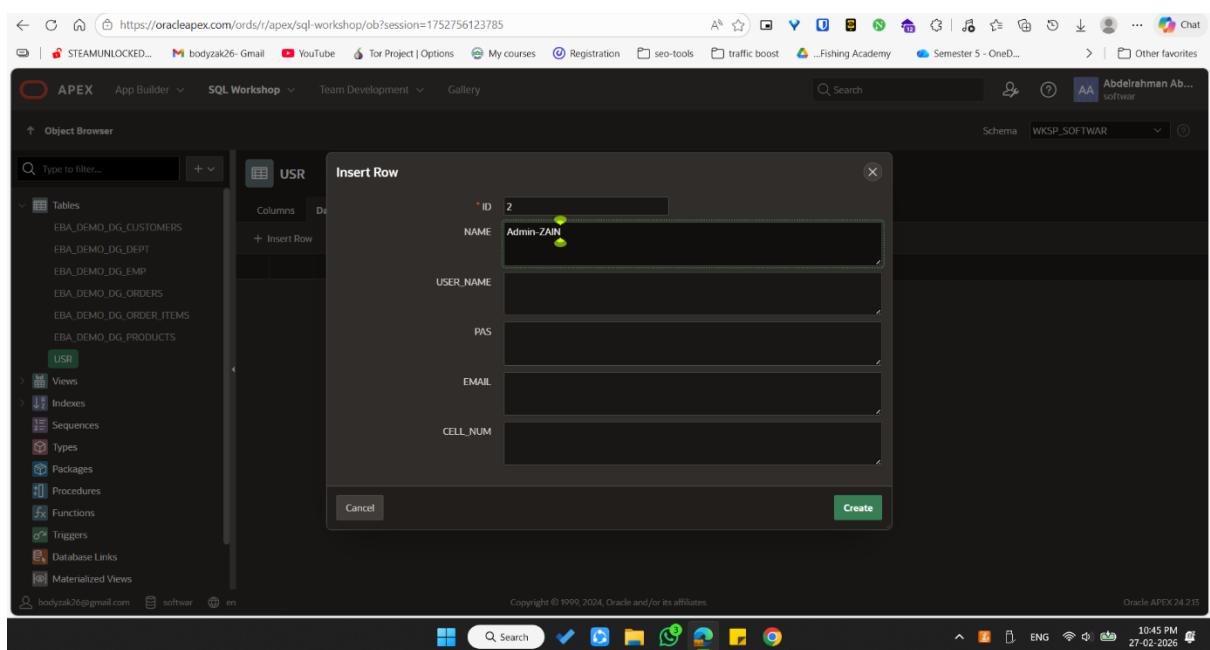
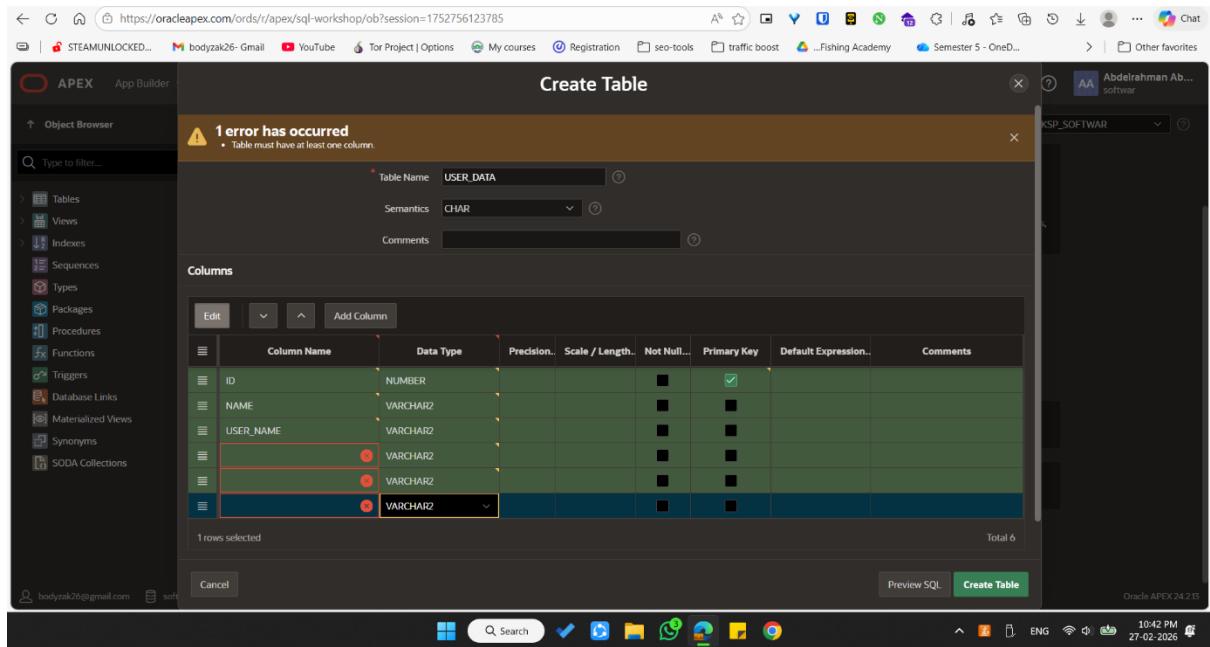
## 2. Database & Tables

### USERS Table

Stores app users (Doctors & Patients).

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

<b>Column</b>	<b>Type</b>	<b>Notes</b>
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.

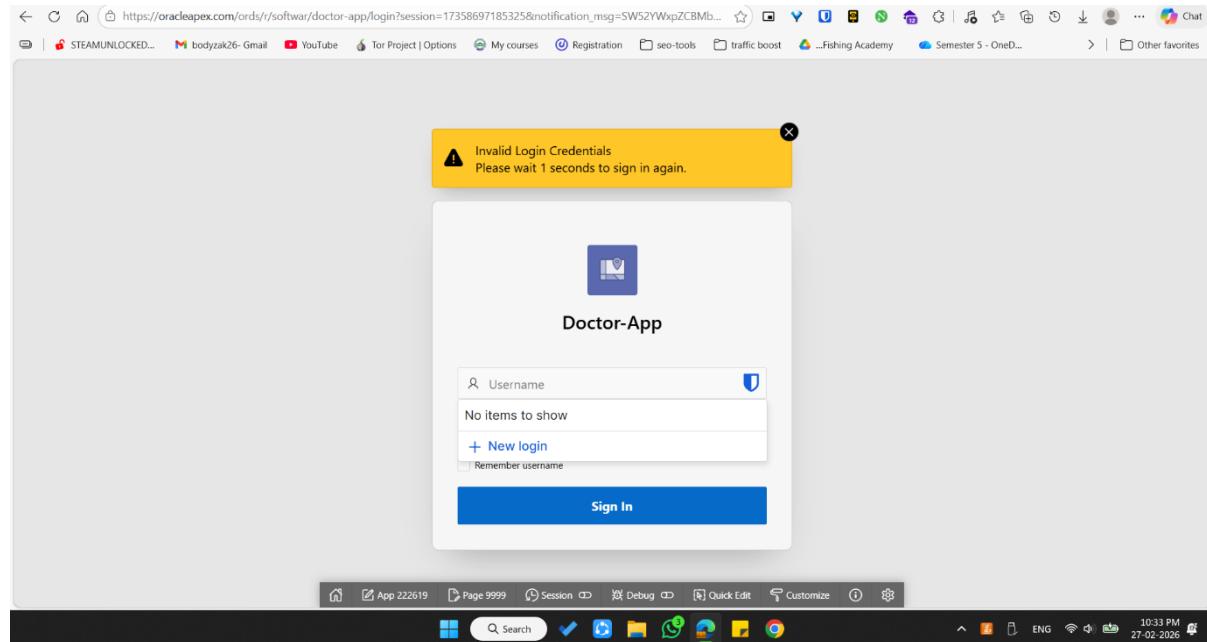
Column	Type	Notes
ID	NUMBER (IDENTITY)	Primary Key, auto-increment
PATIENT_ID	NUMBER	FK → USERS(ID), identifies patient

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.

The screenshot shows a web-based application interface titled "Doctor-App". On the left, there is a dark sidebar with a "Home" icon and a "USER" section. The main content area has a header with search, go, and actions buttons, and a "Create" button. A table displays a single row of data:

Name	User Name	Pas	Email	Cell Num
admin	admin	admin	admin@demo.com	1

Below the table, it says "1 - 1". At the bottom of the screen, there is a toolbar with various icons and a status bar showing "Release 1.0", "App 222619", "Page 2", "Session", "Debug", "Quick Edit", "Customize", "ENG", "27-02-2026", and "11:16 PM".

## Reports

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

The screenshot shows a modal dialog box titled "USER" over a background table. The modal contains fields for "Name", "User Name", "Pas" (which is currently active and highlighted with a blue border), "Email", and "Cell Num". At the bottom of the modal are "Cancel" and "Create" buttons. The background table is identical to the one in the previous screenshot, showing a single row of data. The bottom of the screen features a toolbar and a status bar.

## 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.