



HEALTH CARE

Group No : 3

Group Name : Ghostbusters

Group Members: Namrata Panchal

Mohit Bohra

Manasa Bolli

Mrunmayee Godse

Mastek 

➤ **Angular application with module, component and services:**

- **Register Component-** It registers any new user who wants to use our website.
- **Login Component-** Registered user who wants to book an appointment or buy any medicines are authenticated through this component.
- **User- get Component-** Users are able to check the availability of Doctors with their specialities.
- **User- add Component-** Users can book an appointment with the listed Doctors.
- **Med-get Component-** Registered Users can view all the certified medicines.
- **Doctor-add Component-** Admin can add any new doctor who wants to enroll with our website.
- **Doctor-get Component-** Users and Admin can view all the available doctors list.
- **Doctor-update Component-** Admin can update the available date of any particular doctor.
- **Admin Component-** Admin can view all the appointments made by the User.

➤ Tables:

1.1. Table user:

1.1.1. Columns :

Column name	Type	Properties	Description
userid	int	PK	
username	varchar(255)		
email	varchar(255)		
password	varchar(100)		
address	varchar(255)		

1.2. Table doctor

1.2.1. Columns

Column name	Type	Properties	Description
docid	int	PK	
docname	varchar(255)		
speciality	varchar(255)		
available	date		
fees	int		

1.3. Table appointment

1.3.1. Columns

Column name	Type	Properties	Description
apptid	int	PK	
user_account_id	int	Pk	

1.4. Table appt_detail

1.4.1. Columns

Column name	Type	Properties	Description
appt_id	int	PK	
doc_id	int	PK	
fees money			

1.5. Table user_roles:

1.5.1. Columns

Column name	Type	Properties	Description
User_id	bigint(20)	primarykey	Not null
Role_id	bigint(20)	primarykey	Not null

1.6. Table user_roles:

1.5.1. Columns

Column name	Type	Properties	Description
id	bigint(20)	primarykey	Not null
name	bigint(20)	primarykey	Not null

➤ Unit test cases for each API:

TEST NO.	TEST SCENARIO	TEST STEPS	TEST DATA	EXPECTED RESULT	ACTUAL RESULT	RESULT
1	Admin tries to login with correct username and password	Admin goes to the localhost:4200. And logs in with the appropriate user_name and password. The admin is signed in with the ROLE_ADMIN.	Username: mohit-bohra. Password: 12345678.	Admin should be able to login.	As expected.	PASS.
2	Admin tries to login with correct username and password	Admin goes to the localhost:4200. And logs in with the inappropriate user_name and password. The admin can't be signed in.	Username: xyz. Password: ****	Admin should not be able to login.	As expected.	PASS.
3	User tries to login with correct username and password	User needs to signup. User goes to the localhost:4200. And logs in with the appropriate user_name and password. The user is signed up with the ROLE_USER.	Username: namrata-panchal. Password: 123456.	User should be able to login.	As expected.	PASS.
4	User tries to login with incorrect username and password.	User needs to signup. User goes to the localhost:4200. And logs in with the inappropriate user_name and password. The user can't be signed .	User_name : xyz. Password: ****	User should not be able to login.	As expected	PASS.

5	Admin can retrieve doctor-list, medicines and all the appointments.	Admin logs in as 'ROLE_ADMIN'.	User_name : mohit-bohra. Password: 12345678	Admin is able to retrieve.	As expected.	PASS.
6	Admin can add (create) into doctor-list, medicines and all the appointments.	Admin logs in as 'ROLE_ADMIN'	User_name : mohit-bohra. Password: 12345678	Admin is able to add.	As expected.	PASS.
7	Admin can delete into doctor-list, medicines and all the appointments.	Admin logs in as 'ROLE_ADMIN'	User_name : mohit-bohra. Password: 12345678	Admin is able to delete.	As expected.	PASS.
8	Admin can update into doctor-list, medicines and all the appointments.	Admin logs in as 'ROLE_ADMIN'	User_name : mohit-bohra. Password: 12345678	Admin is able to delete.	As expected.	PASS.
9	User can view(retrieve) his own appointments.	User logs in as 'ROLE_USER'.	User_name : lolo. Password: 123456.	User is able to view his/her appointment.	As expected.	PASS.

➤ **Business features:**

- User :
 - Assists patients to meet the best doctors and keeps digital records.
 - Patients can book confirmed appointments with doctors listed.
 - User data is isolated from other users.

- For doctors:
 - Build their digital presence.

- Admin :
 - Allows Admin to access all doctors data, retrieving information such as doctors-list which helps admin to make changes in doctors data .



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Global Headquarters
Mastek UK Ltd
Pennant House
2 Napier Court, RG1 8BW
+44 (0)118 903 5700