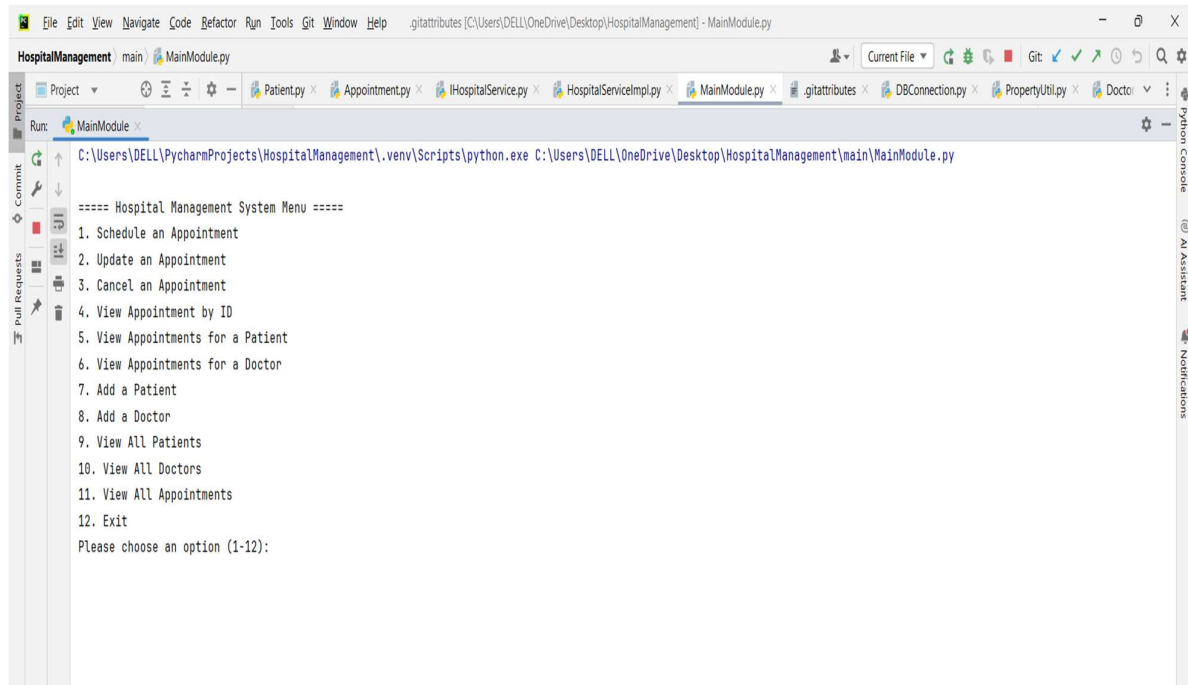


Results Snapshots Hospital Management

All Functionalities of Hospital Management Project



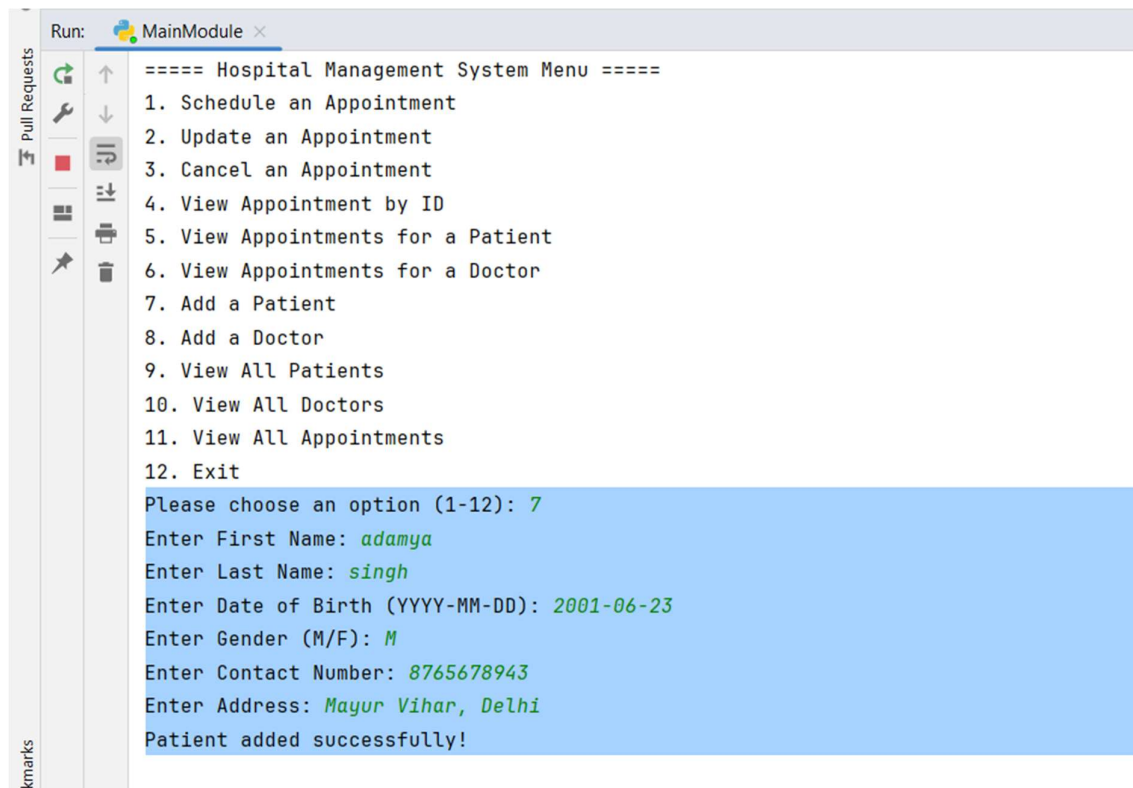
```
File Edit View Navigate Code Refactor Run Tools Git Window Help .gitattributes [C:\Users\DELL\OneDrive\Desktop\HospitalManagement] - MainModule.py

HospitalManagement main MainModule.py

Run: MainModule x
C:\Users\DELL\PycharmProjects\HospitalManagement\.venv\Scripts\python.exe C:\Users\DELL\OneDrive\Desktop\HospitalManagement\main\MainModule.py

===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12):
```

Option 7- Adding Patients



```
Run: MainModule x
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit

Please choose an option (1-12): 7
Enter First Name: adamy
Enter Last Name: singh
Enter Date of Birth (YYYY-MM-DD): 2001-06-23
Enter Gender (M/F): M
Enter Contact Number: 8765678943
Enter Address: Mayur Vihar, Delhi
Patient added successfully!
```

Option 8- Adding Doctors

===== Hospital Management System Menu =====

1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit

Please choose an option (1-12): 8

Enter First Name: Pankaj

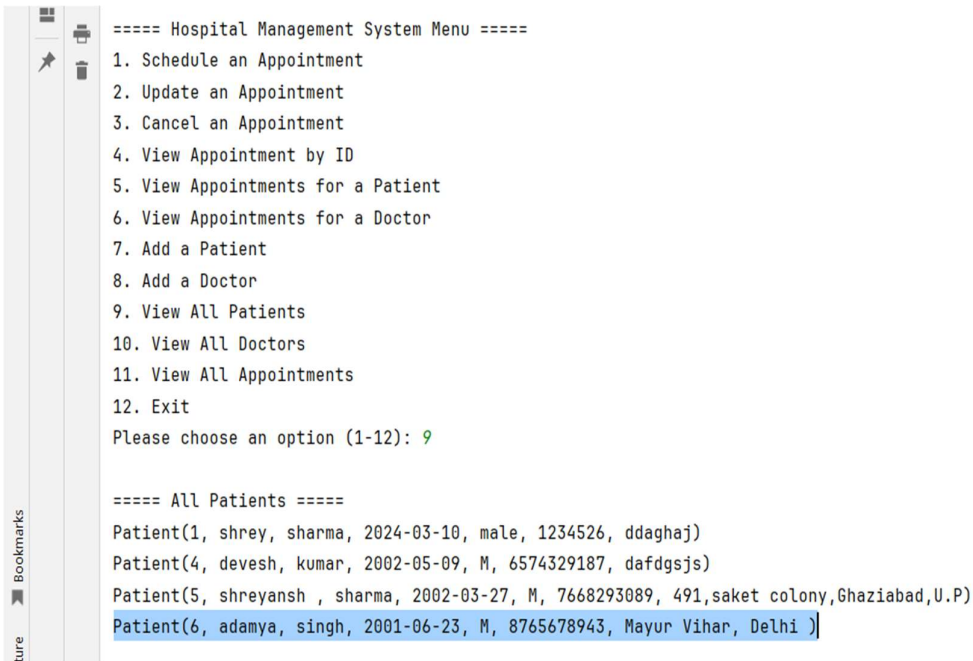
Enter Last Name: Jain

Enter Specialization: ENT specialist

Enter Contact Number: 863527736

Doctor added successfully!

Option 9- View All Patients

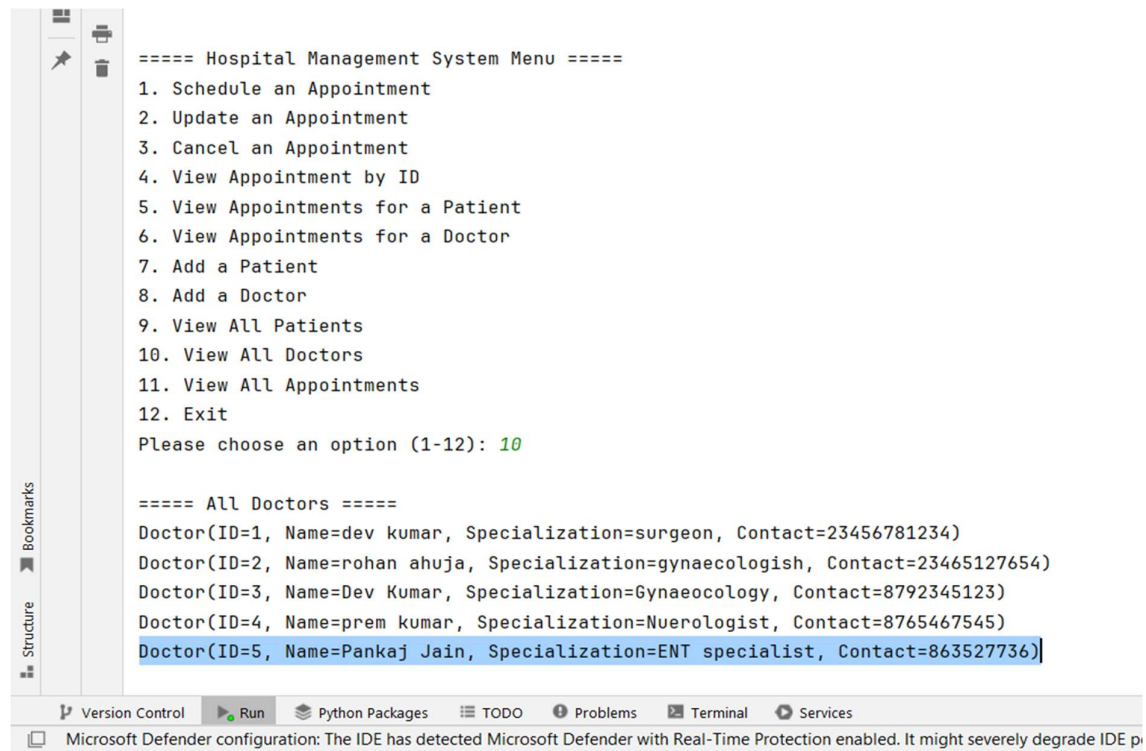


The screenshot shows a web browser window with a sidebar on the left containing icons for a menu, a printer, a star, and a trash can. The main content area displays the 'Hospital Management System Menu' with 12 options. Option 9, 'View All Patients', is selected. Below the menu, the 'All Patients' section lists four patients. The last patient's details are highlighted with a blue background.

```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 9

===== All Patients =====
Patient(1, shrey, sharma, 2024-03-10, male, 1234526, ddaghaj)
Patient(4, devesh, kumar, 2002-05-09, M, 6574329187, dafdgsjs)
Patient(5, shreyansh , sharma, 2002-03-27, M, 7668293089, 491,saket colony,Ghaziabad,U.P)
Patient(6, adamyia, singh, 2001-06-23, M, 8765678943, Mayur Vihar, Delhi )
```

Option 10- View All Doctors

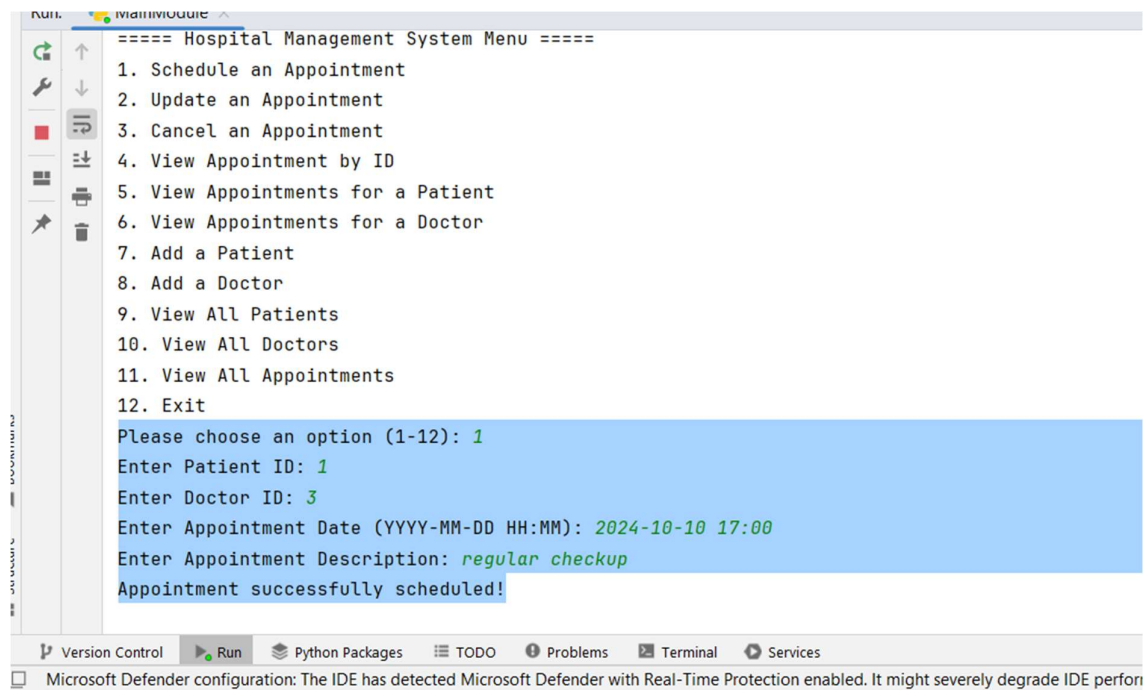


```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 10

===== All Doctors =====
Doctor(ID=1, Name=dev kumar, Specialization=surgeon, Contact=23456781234)
Doctor(ID=2, Name=rohan ahuja, Specialization=gynaecologish, Contact=23465127654)
Doctor(ID=3, Name=Dev Kumar, Specialization=Gynaecology, Contact=8792345123)
Doctor(ID=4, Name=prem kumar, Specialization=Nuerologist, Contact=8765467545)
Doctor(ID=5, Name=Pankaj Jain, Specialization=ENT specialist, Contact=863527736)
```

The screenshot shows a Python IDE with a menu of options. Option 10, 'View All Doctors', is selected. The output displays a list of five doctors with their IDs, names, specializations, and contact numbers. The IDE interface includes a sidebar with 'Structure' and 'Bookmarks' tabs, and a bottom status bar with 'Version Control', 'Run', 'Python Packages', 'TODO', 'Problems', 'Terminal', and 'Services' buttons. A Microsoft Defender notification is visible at the bottom.

Option 1- Schedule Appointments



```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 1
Enter Patient ID: 1
Enter Doctor ID: 3
Enter Appointment Date (YYYY-MM-DD HH:MM): 2024-10-10 17:00
Enter Appointment Description: regular checkup
Appointment successfully scheduled!
```

The screenshot shows the same Python IDE with the 'Schedule Appointments' option selected. The user has entered the following details: Patient ID: 1, Doctor ID: 3, Appointment Date: 2024-10-10 17:00, and Appointment Description: regular checkup. The output confirms that the appointment was successfully scheduled. The IDE interface and status bar are consistent with the previous screenshot.

Option 11 View All Appointments

```
C:\Users\DELL\PycharmProjects\HospitalManagement\.venv\Scripts\python.exe

===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 11

All Appointments:
Appointment(5, 1, 3, 2024-10-07 18:00:00, surgeon prescription)
Appointment(6, 1, 3, 2024-10-10 17:00:00, regular checkup)
```

option2 Update the Appointments

```
mainModule

Patient(6, adamy, singh, 2001-06-23, M, 8765678943, Mayur Vihar, Delhi )

===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 2
Enter Appointment ID to update: 5
Enter new Patient ID: 4
Enter new Doctor ID: 5
Enter new Appointment Date (YYYY-MM-DD HH:MM): 2024-11-10 18:00
Enter new Appointment Description: surgery
Appointment updated successfully!
```

option 3 Cancel an Appointment

```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 3
Enter Appointment ID to cancel: 5
Appointment successfully canceled!
```

option 4 View Appointment by Id

```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 4
Enter Appointment ID: 6

Appointment Details:
Appointment(6, 1, 3, 2024-10-10 17:00:00, regular checkup)
|
```

Option 5 View Appointment for a Patient

```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 5
Enter Patient ID: 1

Appointments for Patient:
Appointment(6, 1, 3, 2024-10-10 17:00:00, regular checkup)
```

Option 6 View Appointments for Doctor

```
===== Hospital Management System Menu =====
1. Schedule an Appointment
2. Update an Appointment
3. Cancel an Appointment
4. View Appointment by ID
5. View Appointments for a Patient
6. View Appointments for a Doctor
7. Add a Patient
8. Add a Doctor
9. View All Patients
10. View All Doctors
11. View All Appointments
12. Exit
Please choose an option (1-12): 6
Enter Doctor ID: 3

Appointments for Doctor:
Appointment(6, 1, 3, 2024-10-10 17:00:00, regular checkup)
```


Patient Table in SQL

SQL query: HospitalDB (132%)

- Use the HospitalDB database

USE HospitalDataBase;

GO

CREATE TABLE Patient (
 patientId INT PRIMARY KEY IDENTITY(1,1),
 firstName NVARCHAR(50) NOT NULL,
 lastName NVARCHAR(50) NOT NULL,
 dateOfBirth DATE NOT NULL,
 gender NVARCHAR(10) NOT NULL,
 contactNumber NVARCHAR(15) NOT NULL,
 address NVARCHAR(255)

132 %

Results Messages

	patientId	firstName	lastName	dateOfBirth	gender	contactNumber	address
1	1	shrey	sharma	2024-03-10	male	1234526	ddaghaj
2	4	devesh	kumar	2002-05-09	M	6574329187	dafdsjs
3	5	shreyansh	sharma	2002-03-27	M	7668293089	491,saket colony,Ghaziabad,U.P
4	6	adamyia	singh	2001-06-23	M	8765678943	Mayur Vihar, Delhi

Doctor Appointment Table in SQL

SQL

```
CREATE TABLE Doctor (  
    doctorId INT PRIMARY KEY IDENTITY(1,1),  
    firstName NVARCHAR(50) NOT NULL,  
    lastName NVARCHAR(50) NOT NULL,  
    specialization NVARCHAR(100) NOT NULL,  
    contactNumber NVARCHAR(15) NOT NULL  
);
```

176 %

Results Messages

	doctorId	firstName	lastName	specialization	contactNumber
1	1	dev	kumar	surgeon	23456781234
2	2	rohan	ahuja	gynaecologish	23465127654
3	3	Dev	Kumar	Gynaecology	8792345123
4	4	prem	kumar	Nuerologist	8765467545
5	5	Pankaj	Jain	ENT specialist	863527736

Appointment Table in SQL

```
CREATE TABLE Appointment (  
    appointmentId INT PRIMARY KEY IDENTITY(1,1),  
    patientId INT NOT NULL,  
    doctorId INT NOT NULL,  
    appointmentDate DATETIME NOT NULL,  
    description NVARCHAR(255),  
    CONSTRAINT FK_Patient FOREIGN KEY (patientId) REFERENCES Patient(patientId),  
    CONSTRAINT FK_Doctor FOREIGN KEY (doctorId) REFERENCES Doctor(doctorId)  
);
```

145 %

Results Messages

	appointmentId	patientId	doctorId	appointmentDate	description
1	6	1	3	2024-10-10 17:00:00.000	regular checkup
2	7	6	5	2024-11-20 14:30:00.000	Surgery