SSW 810 FINAL PROJECT
Team Members: Harsh Singhania (20007289)
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'MedECard'

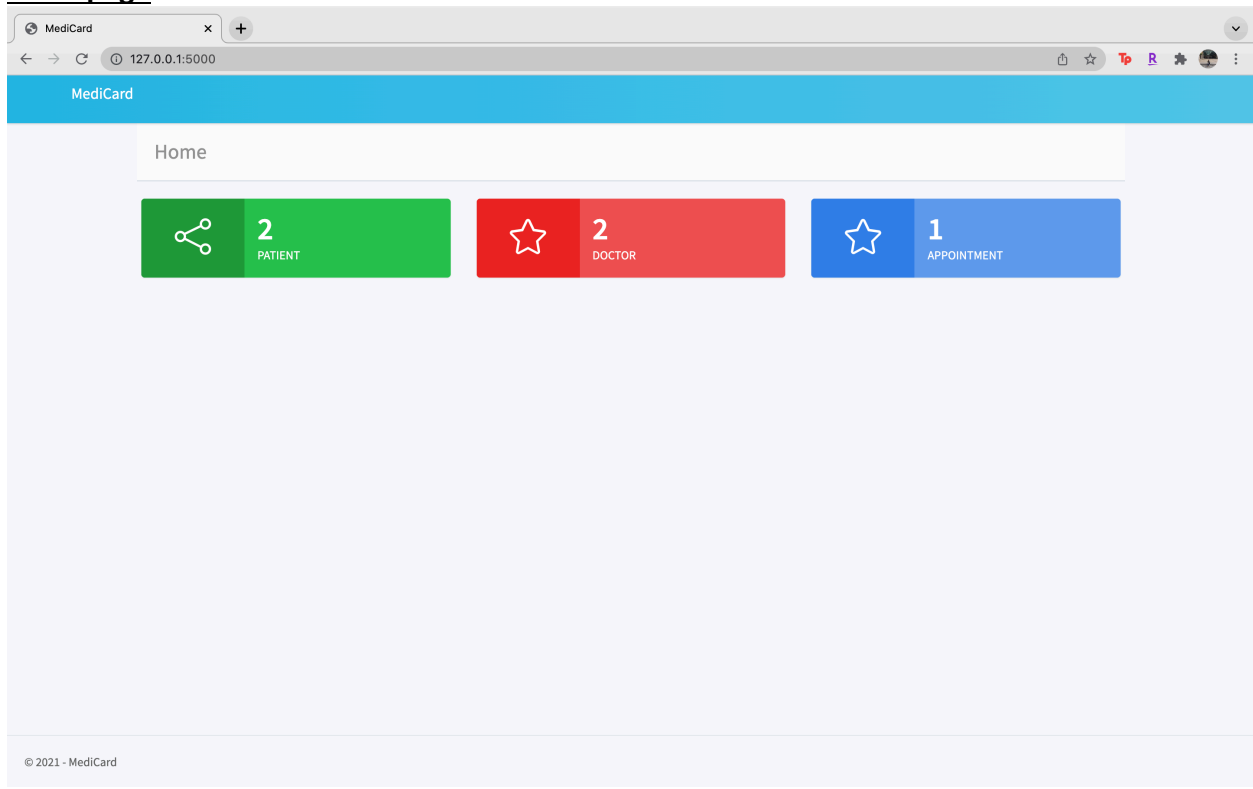**Project Description:** Online system for patients to book slots with doctors available.

Functionalities: The patient can book doctor's appointment at the desired timing and date as per the availability. The patient will be given a list of authorized doctors in his locality and the timings on which they will be available for consultation. The doctor will be able to see his appointments and patient's details they will be consulting.

Technologies Used:
- Python
- Flask
- HTML
- Javascript
- CSS
- PyCharm

Results / Screenshots:

Homepage

Patient Portal

MediCard

127.0.0.1:5000/patient.html

MediCard

Patient   [Add Patient]

Show [10] entries   Search: [   ]

First Name	Last Name	Insurance	Adress	Phone Number		
Harsh	Singhania	87654321	Jersey City, NJ	9999999999	[Edit]	[Delete]
Harish	Balasubramanian	1	216 New York Ave, Apt 2 Apt 2	5516979759	[Edit]	[Delete]

Showing 1 to 2 of 2 entries   [< Previous] [1] [Next >]

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Doctor Portal

MediCard

127.0.0.1:5000/doctor.html

MediCard

Doctor   [Add Doctor]

Show [10] entries   Search: [   ]

First Name	Last Name	Insurance	Adress	Phone Number		
Jayesh	Shah	abc 123 ave	123133113	[Edit]		[Delete]
Peter	Hill	12 Ny ave	324242424	[Edit]		[Delete]

Showing 1 to 2 of 2 entries   [< Previous] [1] [Next >]

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Booking Appointment

MediCard

Appointment   Appointment Added Successfully   **Book Appointment**

Show [10] entries   Search: [____]

Doctor Name	Patient Name	Appointment Date	
Jayesh Shah	Harsh Singhania	2021-12-31 09:30:00	Delete
Jayesh Shah	Harish Balasubramanian	2021-12-18 17:25:58	Delete

Showing 1 to 2 of 2 entries   ‹ Previous   1   Next ›

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Add Configuration...

Project

MedECard ~/Desktop/MedECard
MediCard.egg-info
package
static
venv
.gitattributes
app.py
config.json
database.db
MediCard.postman_collection.json
README.md
setup.py
External Libraries
Scratches and Consoles

app.py | console_1 | MediCard.postman_collection.json | console | appointment | doctor | patient | sqlite_master | sqlite_sequence

2 rows | Tx: Auto | DDL | CSV | doctor

WHERE | ORDER BY

	doc_id	doc_first_name	doc_last_name	doc_ph_no	doc_date	doc_address
1	10	Jayesh	Shah	123133113	1639699200000	abc 123 ave
2	11	Peter	Hill	324242424	1638921600000	12 Ny ave

Git | Python 3.9 (MedECard) | master
Connected (2 minutes ago)

Git | TODO | Problems | Terminal | Python Packages | Python Console | Services | Event Log

Add Configuration...

Project

MedECard ~/Desktop/MedECard
MediCard.egg-info
package
static
venv
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app.py
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MediCard.postman_collection.json
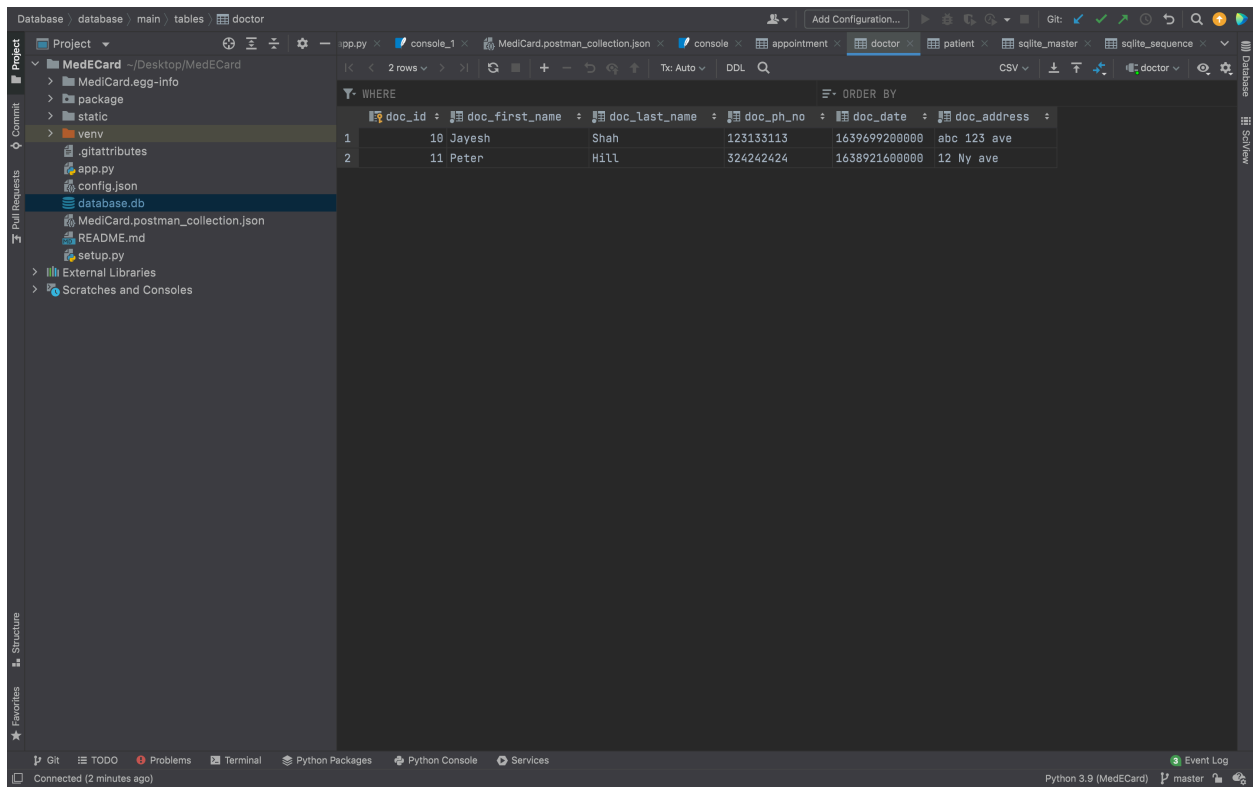README.md
setup.py
External Libraries
Scratches and Consoles

app.py | console_1 | MediCard.postman_collection.json | console | appointment | doctor | patient | sqlite_master | sqlite_sequence

2 rows | Tx: Auto | DDL | CSV | patient

WHERE | ORDER BY

	pat_id	pat_first_name	pat_last_name	pat_insurance_no	pat_ph_no	pat_date	pat_address
1	14	Harish	Balasubramanian	1	5516979759	2021-12-17 17:09:31	216 New York Ave, Apt 2<Apt 2
2	15	Harsh	Singhania	87654321	9999999999	2021-12-17 19:35:58	Jersey City, NJ

Git | Python 3.9 (MedECard) | master
Connected (2 minutes ago)

Git | TODO | Problems | Terminal | Python Packages | Python Console | Services | Event Log

GitHub Repository: https://github.com/harishb19/MedECard

Conclusion: We would like to thank Professor Zhongyuan Yu for the opportunity to present this topic and helping us to make this project a success.

References: https://www.youtube.com/watch?v=mqhxxeeTbu0

https://www.digitalocean.com/community/tutorials/how-to-make-a-web-application-using-flask-in-python-3