Weekly Progress Report

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Domain: Cloud Computing

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Final project report

I. Overview:

This week, the primary focus was on selecting a suited project from the various different projects. Additionally, efforts were made to leverage learning resources for skill enhancement (SQL and Python).<u>Uploading the coding into github.</u>

II. Achievements:

1. USC_TIA Familiarization:

- Explored USC_TIA documentation to grasp core functionalities.

- Successfully executed basic tasks, showcasing initial proficiency.

2. Project Selection:

  - Chosen the "Healthcare Data Management using Cloud Project"

2. Cloud Computing Projects Contributions:

Healthcare Data Management System:-

- Contributed work on Healthcare Data Management with a focus on Software and Hardware requirement for the project.

- Engaged in effective collaboration with team members.

3. Learning Cloud Computing and SQL :

- Acquired proficiency in essential Cloud Computing, such as deploying the SQL databases and inserting data and practiced in different SQL commands (It will help to my selected project in upcoming days).
- Applied Cloud computing skills to real-world problems within USC_TIA context.

III. Challenges final week :

Day 01

- practice the different operation done in the cloud eg:sql,vm ,IAM etc
- creating a group resources for the
- Gathered some information about the project I selected.
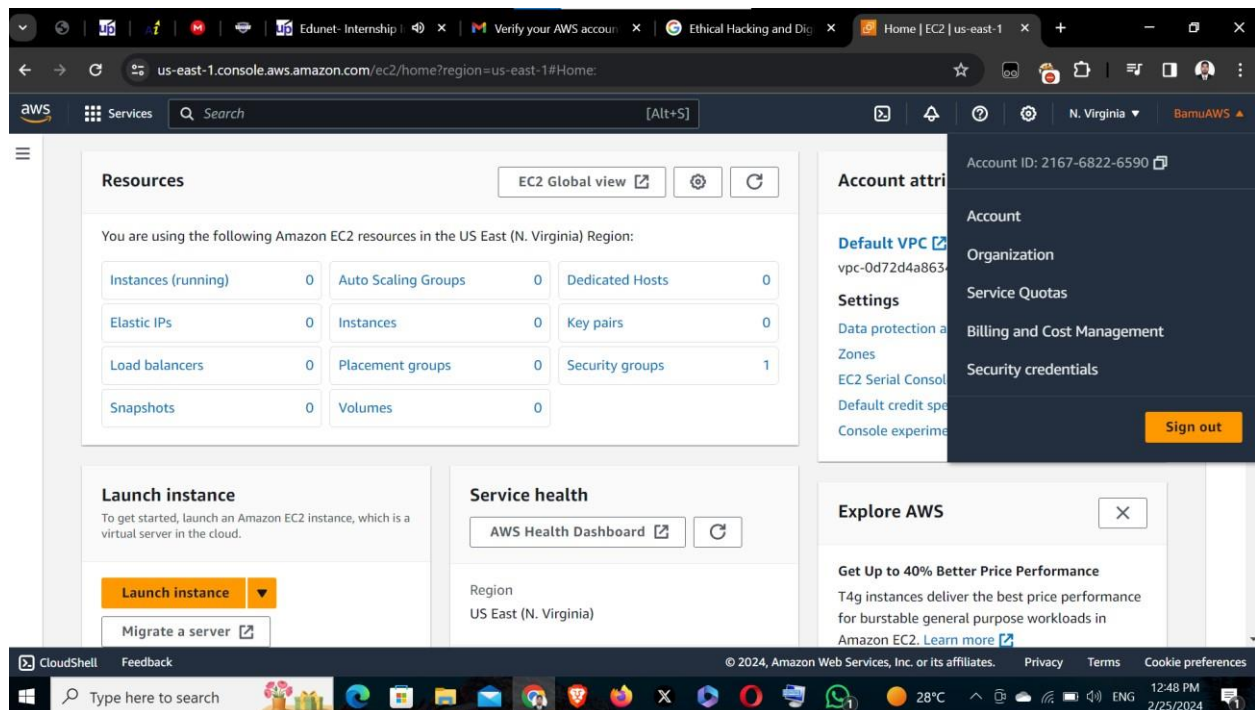
Day 02

- To Complete the Healthcare Data Management project need to learn about python language
- On Day-02 I have Learned about the Python language basics to intermediate level (revision)
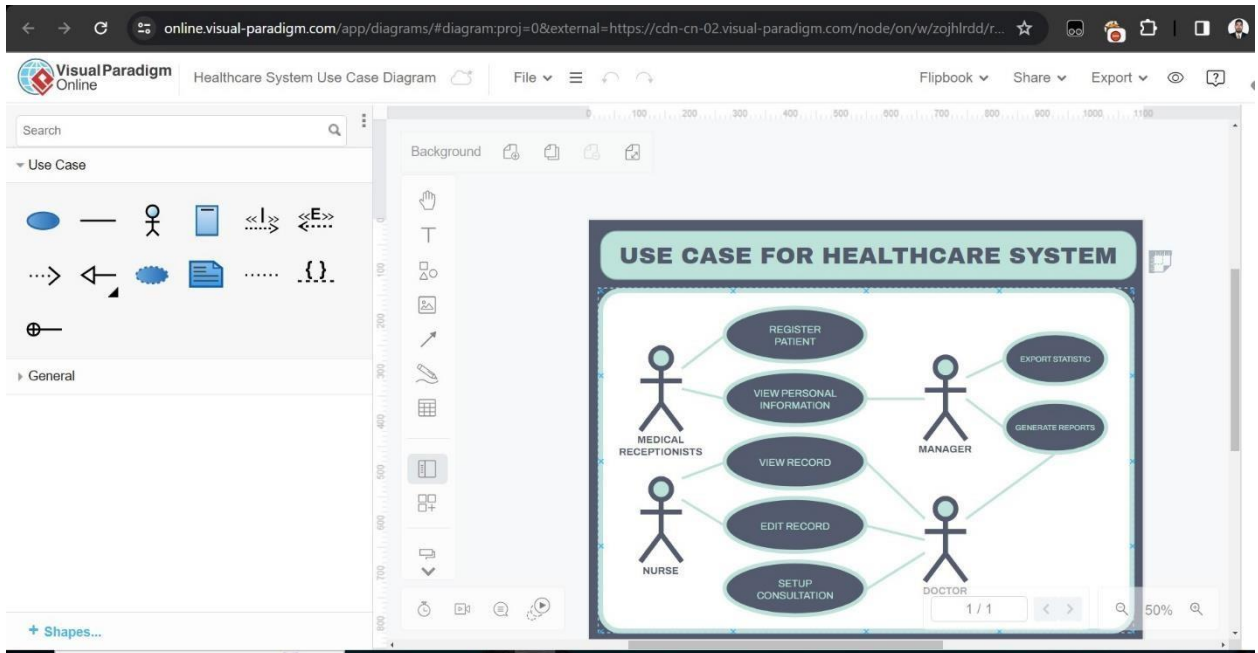- Practiced some program using the Visual studio code.

Day 03

- Done the Research about the project I Selected about Cloud Platforms.
- Frist I have confused about which platform is best for my project.
- After research about Uni -technologies private limited company I Decided to choose the AWS(Amazon web services) platform.
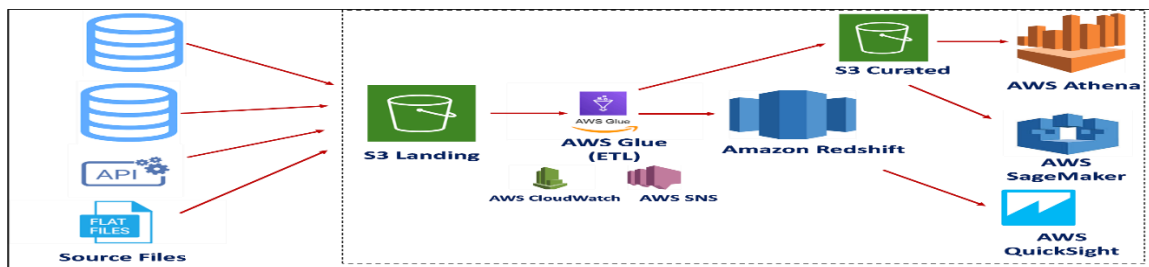
Day 04

- Practing the usecase diagram for health care management system
- All the patient data will be store under the cloud and we have to maintain it well in the cloud .
- We should choose the best server for the retrieve purpose.
- We must maintain the replica for the data in another region.
- If any disaster will occur the data may save in another region.

Day 05

Day 06

On Day-

-What are the pricing for the subscriptions of SQL servers?

- finally project is connected to sample server made by XAMP .

- in order to run these project these is very easy way to understand how server work.

**IV. Learning Resources:**

1. USC_TIA Documentation:

- Utilized USC_TIA official documentation for reference and troubleshooting.

- Attended relevant webinars and online tutorials to deepen understanding.
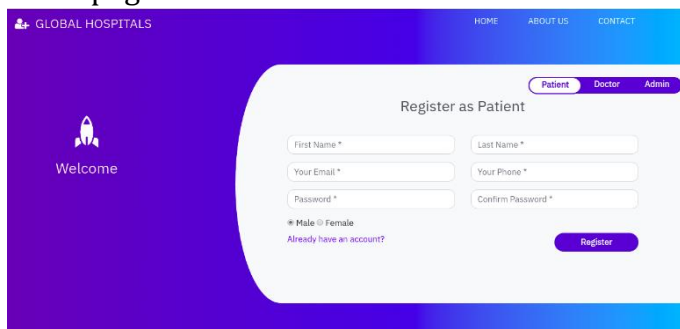
2. Cloud Computing Resources:

- Engaged with AWS Fundamentals to strengthen Cloud Computing skills.

- Completed short term course of "MSSQL DBMS" from the open source.

- pursuing the python programming classes on YouTube.

V. Output of project after all completion :

1. used server image:
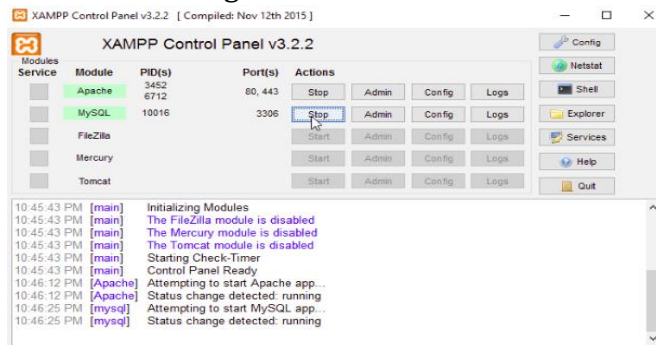
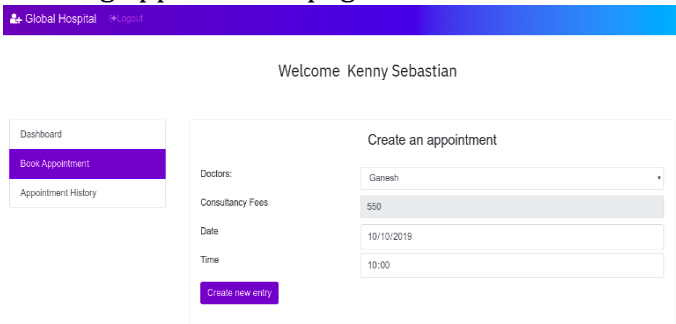2. home page:

3. Quality information page:
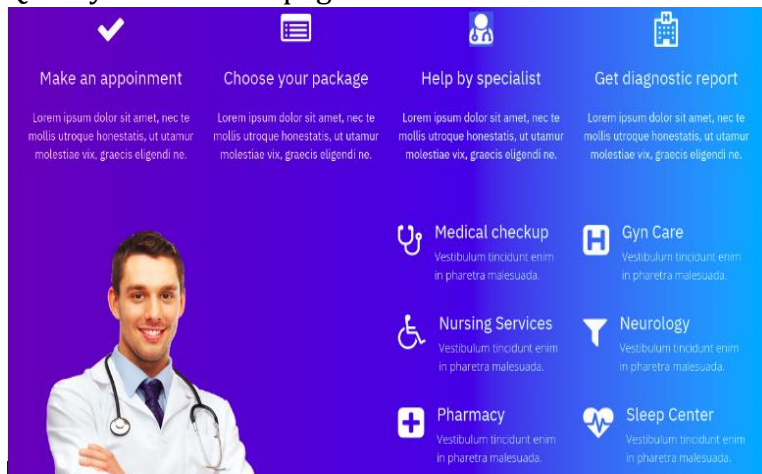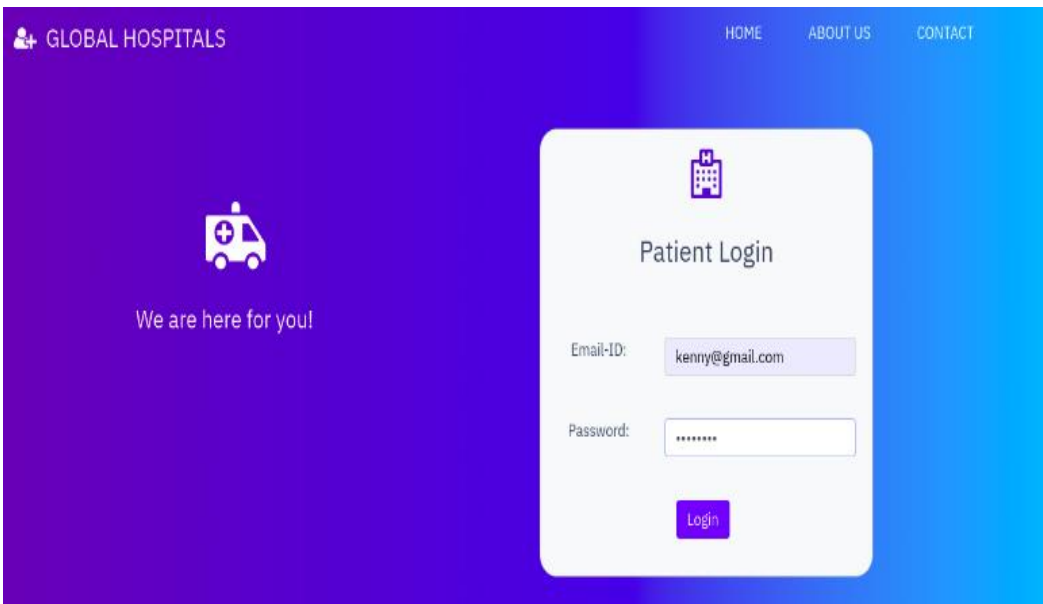

4. Contact page:
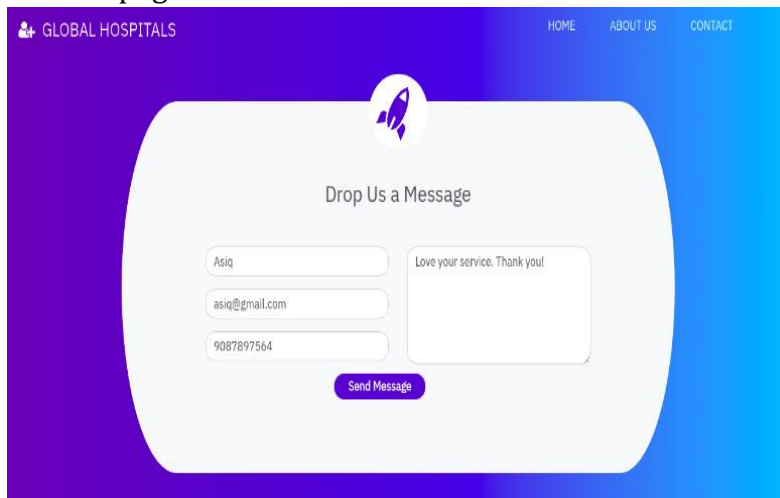
5. Patient dashboard page:
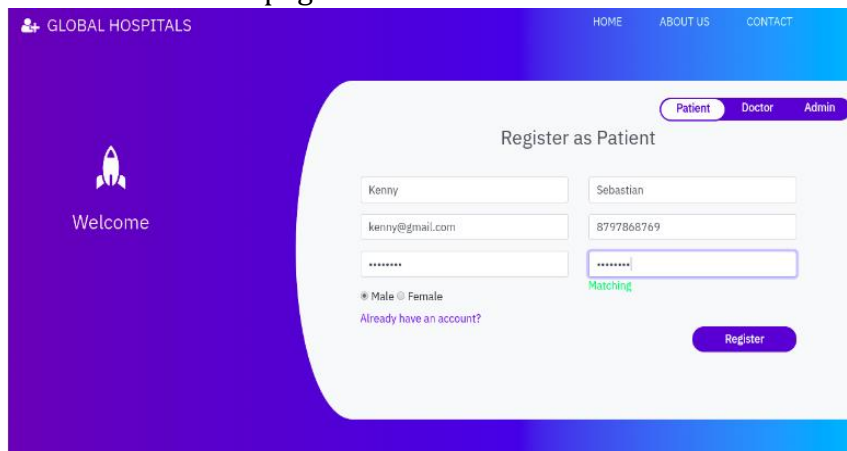
6. Booking page:
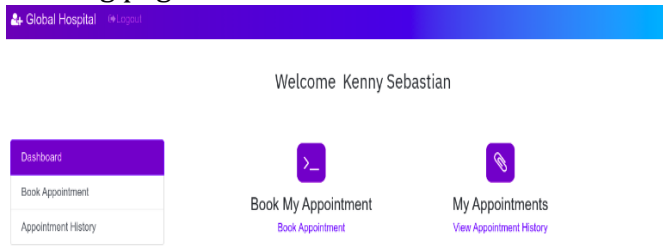
7. Booking appointment page:

8. Patient dashboard:

9. Doctor dashboard:

10. Doctor view page:

11. Admin login page:

12. Admin dash board:

13. Patient list page :

First Name	Last Name	Email	Contact	Password
Ram	Kumar	ram@gmail.com	7896543210	ram123
Alia	Bhat	alia@gmail.com	8787989800	alia123
Shahrukh	Khan	shahrukh@gmail.com	7978797800	shahrukh123
Kishan	Lal	kishansmart0@gmail.com	9876543210	kishan123
Gautam	Shankararam	gautam@gmail.com	9999999999	gautam123
Sushant	Singh	sushant@gmail.com	8887778887	sushant123
Nancy	Deborah	nancy@gmail.com	9898989898	nancy123
Kenny	Sebastian	kenny@gmail.com	8797868769	kenny123

14. Doctor list on admin page:

Doctor Name	Password	Email	Fees
ashok	ashok123	ashok@gmail.com	500
arun	arun123	arun@gmail.com	600
Dinesh	dinesh123	dinesh@gmail.com	700
Ganesh	ganesh123	ganesh@gmail.com	550
Kumar	kumar123	kumar@gmail.com	800
Amit	amit123	amit@gmail.com	1000
Abbis	abbis123	abbis@gmail.com	1500

15. Adding doctor in list by admin:

16. Appointment cancellation page :

17. Remove doctor by admin :

18.