Faculty of Technology and Engineering

Chandubhai S. Patel Institute of Technology

Department of Computer Science & Engineering
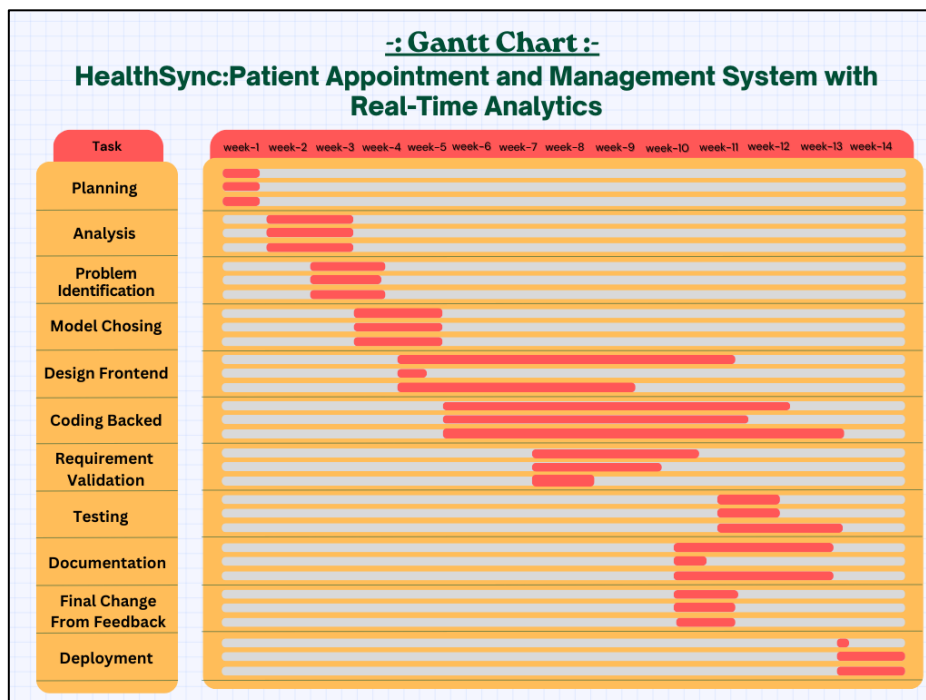
Project Group ID:	CSPIT/CSE/C2/	Week No: 2	Date: -23/12/24 – 19/12/24	
Project Title:	HealthSync- Comprehensive Patient and Management System with Real-time Analysis			
Project Mentor:	Dr.Jigar Sarda		Academic Mentor: -	
Name of Student: (With Roll No)	D23CS102 Siddhit Kale		D23CS104 Denis Ruparel	D23CS108 Tanay Mahale
Weekly Objectives: (2 Marks)	• Complete SWOT analysis for project. • Develop the Gantt chart for project timeline.			
Tasks Completed: (3 Marks)	• Create SWOT analysis highlighting strengths, weaknesses, opportunities, and threats. • Designed the Gantt chart to reflect project phases and deadlines. • Discuss the flow of data and process for the project.			
Work Progress (3 Marks)	• Current Status: 10% Completed. • Gantt chart is 95% complete with minor adjustments.			
Challenges Faced	• Difficulty in aligning team schedules for timely input into the Gantt chart. • Difficulty in making of SWOT analysis and Gantt chart.			
Learnings and Skills Acquired (2 Marks)	• Enhanced skills in project management tools such as JIRA. • Enhance skills in Canvas and Adobe Photoshop.			
Plan for Next Week	• Gained deeper understanding of project planning and risk assessment methodologies. • Make a Flow diagram for the data and process.			

Signatures of Students:

Siddhit Kale
(D23CS102)

Denis Ruparel
(D23CS104)

Tanay Mahale
(D23CS108)

SWOT

S - Strengths

D23CS108
-Proficient in Power BI, enabling the creation of interactive dashboards and reports.
-Provide Data Visualization Skills and Real-Time Insights.

D23CS104
-Strong skills in automation,Familiarity with cloud platforms (e.g., AWS, Azure, Google Cloud) that can enhance scalability and reliability of healthcare applications.

D23CS102
-Proficient in both front-end and back-end development, allowing for seamless integration of user interfaces with server-side logic.

W - Weaknesses

D23CS108
-Dependence on Data Quality,Learning Curve in AI/ML.

D23CS104
-Complexity of Healthcare Systems, Limited budgets and resources in healthcare organizations may restrict the implementation of advanced DevOps tools and practices.

D23CS102
-Rapidly changing technology landscape requires continuous learning and adaptation which can be time-consuming and May face challenges in mastering new frameworks.

O - Opportunities

D23CS108
-Growing Demand for Data-Driven Decision Making,Potential to expand services to include advanced analytics, machine learning, and AI integration.

D23CS104
-Growing Demand for Digital Transformation,Opportunities to work with emerging technologies such as AI, machine learning, and big -data analytics to drive innovation in project.

D23CS102
-Potential to contribute to projects that leverage advanced analytics and machine learning for better outcomes.

T - Threats

D23CS108
-Need to continuously innovate and provide unique value propositions to stand out in the market.

D23CS104
-Compliance with evolving regulations can be challenging and may require continuous updates to security practices.

D23CS102
-Increasing cyber threats targeting applications can pose significant risks, necessitating robust security measures.

-: Gantt Chart :-

HealthSync:Patient Appointment and Management System with Real-Time Analytics

Task	week-1	week-2	week-3	week-4	week-5	week-6	week-7	week-8	week-9	week-10	week-11	week-12	week-13	week-14
Planning														
Analysis														
Problem Identification														
Model Chosing														
Design Frontend														
Coding Backed														
Requirement Validation														
Testing														
Documentation														
Final Change From Feedback														
Deployment														

Criteria	D23CS102	D23CS104	D23CS108
Weekly Objectives (2 Marks)			
Tasks Completed (3 Marks)			
Work Progress (3 Marks)			
Learnings and Skills (2 Marks)			
Total (out of 10)			

Mentor's Comments:

Mentor's Sign: