Delivery Project Plan

Project Name: Patient & Insurance Management System
Created/Updated: 09/18/2023
Project Lead: Harshitha Nooli

1.0 Purpose of Project

The purpose of Patient & Insurance Management System project is to develop a platform that can be used to keep track of the health insurance and patient information by providing multiple features through developing the patient's, doctor's and insurance provider's view.

2.0 Objectives & Deliverables

Objectives To accomplish this goal, the following will be done:	**Deliverables** The following will be delivered as a result of accomplishing this objective. *Where possible, tie deliverables to objectives.*
Decide technology stacks	❑ List of programming languages, frameworks, etc. that we will be using for constructing the project.
Create elevator pitch for the following week	❑ Presentation that explains our project and gives a customer a brief idea about what the product will be
Responsibilities for each team member	❑ Assigning tasks to group members based on their experience.
JIRA, GitHub, Teams setup	❑ Setting up GitHub, JIRA, and teams.
Features of the project.	❑ Decide which features will be added to each page

2.5 Scope Control

Complete the following aspects of scope that further define this project.

In Scope	Out of Scope	Uncertain
Login and Registration	Mobile application	Questionnaire and Bed availability
Multi role user login page(doctor, insurance provider and patient)	Auto complete	Map Integration
Search and Filter operations		Processing the bill
Book appointment and send confirmation mail		
Custom user dashboards		
Chat feature for users		
Recommendation and Statistics for insurance information		

Areas in which to define the scope of the project include:
a) Business functions and processes
b) Systems with which this project will interface
c) Interdependencies with other projects
d) Interdependencies with other groups (internal/external)
e). Technology expected to be deployed by this project (software, hardware, infrastructure, communication)

3.0 Approach

- Our approach, or strategy, for the project will be to use Agile methodologies to develop it in components and deliver them in phases to ensure that each part of the project is fully functional before work on the next part is begun

3.5 Time Line

Milestone / Deliverable	Completion Date
Sprint 1: • Finalize our technology stacks • Setting up programming environments on our machines • Login & Registration • Homepage Screen Design database models for Login & Homepage	09/25/2023
Sprint 2: • User roles in the database • Integrate backend and front end for pages in sprint 1 • UI of doctor's, patient's and insurance provider's view Setup all the databases required	10/09/2023
Sprint 3: • Integrate backend and frontend for the user views created • Integrate search and filter feature • Testing of implemented features	10/23/2023
Sprint 4: • Integrate chat bot for customer service • Adding recommendation and statistics feature • Integrate maps to show location of doctors and insurance providers • Code patches	11/06/2023
Sprint 5: • Final Presentations • Testing	11/23/2023

4.0 Stakeholder Roles & Responsibilities

Project Role	Who	Project Responsibilities	% Time
Sponsor	Sahithi Vasireddy	❑ Providing feedback	10%
Project Manager	Harshitha Nooli	❑ Responsible for defining the project's objectives, identifying the benefits to be realized, and ensuring that the project aligns with the organization's strategic goals	6%
Project Team	Sri Rashmitha Boya	❑ Database Design	16%
	Zane Ellis Snider	❑ Backend development	16%
	Rishi Sanjaykumar Patel	❑ Backend development	16%
	Harshitha Nooli	❑ Frontend developement	10%
		❑	
Others		❑	
		❑	
		❑	
Tech Integration	Development Team	❑ Frontend and Backend and Testing	10%

4.5 Communication Plan

How will key stakeholders be kept involved/informed about the project status?

What	Who (is involved/receives)	Frequency
Team Meetings	we have scrum meetings which involves all the team members and will give updates on the tasks which we are working on	Alternate days
Meetings with Sponsor	with customer(TA)	Once a week
Written Status Reports	team lead	every meeting
Other Forms of Communication		

5.0 Project Budget

	Initial Cost	Recurring Cost
People		
▪ Staffing	$31,000	$45,000

▪ Consultants	$12,000	$37,000
▪ Training/Documentation	$2,300	$200
System		
▪ Hardware	$1,500	$1,500
▪ Software	$2,000	$1,150

6.0 Risk Plan

Define key risks such as assumptions, dependencies, and constraints and a planned response for each.

Risk Factor	Impact On Project	Risk* Rating	Risk Plan or Mitigation Strategy	Person Responsible	In Place By
Technical Issues	Customers, not able to access certain features	M	❑ Providing technical support and addressing FAQs to the users.	Rishi Sanjaykumar Patel	
Identity Theft	Customers	H	❑ Designing an authentication system	Harshitha Nooli	
System Downtime	Customers not able access the site	H	❑ Ensuring the implementation features are optimized	Sri Rashmitha Boya	
Integration Issues	Customer not receiving proper product on time	M	❑ Resolving any git issues by foreseeing the merge conflicts	Zane Ellis Snider	

Rating = Probability that the risk will happen (H,M,L) x the Severity of the Impact if it does (H,M,L).

HxH = H **HxM = H** **HxL = M** **MxL = M**

7.0 Assumptions

This plan is based on the following assumptions (about resources, policies, schedules, technologies, etc.):

- ❑ We are assuming that the technologies and resources will be compatible and flexible, and subject to change.
- ❑ We are expecting to perform several tests such as unit testing and functional testing.

8.0 Success Criteria

How we know we are successful. How to measure success:

- ❑ Customer satisfaction: Is the customer satisfied with the product?
- ❑ Team satisfaction: Are we fully satisfied with the product?
- ❑ Schedule: Are we completing our tasks on time?
- ❑ Quality: Is the customer expecting the right quality of the product?

References

List documents where more detailed information about this project can be found.

- Weekly Status Report
- Customer Meeting Minutes