**INTRODUCTION**

PURPOSE

The purpose of this document is to provide a detailed specification for the development of the pathology Lab Management Website. It outlines the features, functionalities and responsible of each team member.

Scope

The system will include modules for patient information management, sample tracking, test result generation, and user-friendly interfaces for both administrators and laboratory technicians.

**Team Members**

Project Manager: Sneha Verma

Frontend Developer: Vivek Kumar

: Suraj Kumar

Backend Developer: Virendra Yadav

: Sejal Jain

Quality Assurance: Sneha Verma

System Description

The Pathology Lab Management Website is a web-based application designed to streamline the operations of pathology laboratories. It will offer a centralized platform for managing patient information, tracking samples, generating test results, and improving overall lab efficiency.

**Team responsibility**

***Project manager***

-Overall project coordination

-Requirement gathering and documentation

-Communication with stakeholder

-Task assignment and tracking

***Frontend Developer***

-Design intuitive and user-friendly interface

-Create wireframe

-Implement the user interface based on design specifications

-Ensure responsiveness and cross browser compatibility.

-Collaborate with the Backend Developer for seamless integration

***Backend Develop***

-Develop server-side logic and database

-Integrate the frontend with backend services

-Implement security measures for data protection.

-Backend Developer will design and implement restful APIs.

***Quality Assurance***

-Develop and execute test plans.

-Identify and report bugs.

-Ensure the website meets functional and non-functional requirements.

***Functional Requirements***

-Patient information Management

-The system shall allow administrators to capture and maintain patient information.

-Assigning specific team members to these subcategories allows for a more focused and efficient development process. It's essential to foster collaboration and communication among team members to ensure a cohesive and successful front-end development effort. Regular team meetings, code reviews, and collaborative tools can help facilitate this process.

Backup and Recovery:

Specify the frequency and methods of data backup.

APPENDICES

supporting information such as glossary reference and any additional relevant documents.

provide a glossary of terms related to user characteristics used throughout the document