

## Documentation

### Business requirement Documents

This is the example of brd documents for business requirement documentation

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WE NEED TO FIND WHAT WILL BE THE FINAL OUTPUT

- **EXECUTIVE AND SUMMARY:**

A brief overview of the projects, its keys and propose  
It summarizes what the documents covers and what the projects aims to achieve

This document outlines the business requirement for the development of the healthcare  
Portal Patients Projects

The portal is designed to improve the patient health information and appointment  
scheduling, communication with the healthcare providers and more

- **BUSINESS OBJECTIVES**

Clear goals that the projects are trying to reach, these are the reason why project is initiated

- **Enhance Business Objectives:** Increase Engagements through a user-friendly interface that encourages active participation in the health management
- **Improve Access to Health Information:** Patients should have round the clock access to their personal health records or lab results, prescription history etc
- **Streamline Appointment Scheduling:** Facilitate Efficient scheduling rescheduling and cancellation of appointments
- **Secure Communication:** Enable secure communication messaging between patient and doctors

- **SCOPE AND LIMITATION**

What will and won't be included in the projects, this outlines the boundaries to avoid any confusion about what is expected

#### **In Scope:**

1. Patient profile management
2. Electronic health records integration
3. Appointment management system
4. Secure messaging system
5. Mobile and web accessibility

#### **Out of Scope**

1. Direct Medical advice or consultation
2. Integration with unrelated third-party systems

- **BUSINESS PROCESS OVERVIEW**

A high-level description of how the business currently works and how the new projects will fit in, it outlines the steps or activities involved

- The platform prioritizes user experience for better results
- User can search in extensive database according to doctor speciality and location

- We provide health tele -consultation and also health records management for better results and proactive care

- **REQUIREMENTS**

Functional requirements: Specific features or functions that the projects must have, this details on what the system should do

- **User registration and authentication**

HIPPA COMPLAINT AUTHENTICATION SYSTEM FOR PATIENTS SIGN UP AND LOG IN

- **Health Management Records:**

Ability to view and download personal health records

Appointment Management records:

Features to book, cancel and reschedules management

- **Communication:**

Encrypted messaging system for patient – provider communication

- **Notification System:**

Automated alerts for upcoming appointment, vaccinations and health checks ups

**NON-FUNCTIONAL REQUIREMENT:**

criteria that describe how the system should perform (like speed, security and stability)

- Security: Compliance with HIPPA and other relevant security standards
- Usability: Initiative Design understandable by a wide range of users
- Performance: Quick Load times and reliable uptime
- Scalability: Able to handle an increasing number of patients
- Maintainability: Easy to update and maintain

- **Stakeholder**

Individual or groups who have interest in the projects, this includes anyone affected by or involved in the projects

- Third party vendor
- Its department
- Clinical Department

- **Assumptions and Constraint:**

Assumptions are things we believe are true to the application, while documentation are limitation that we need to work within (like budget or time)

- Stable Internet Connection for users
- Availability of technical support for maintenance
- Adoption rate by patient and healthcare provider
- Budget constraint

- **Risk and Mitigation:**

Possible problems that could arise during the projects and plans to reduce the impacts

- **Data Breaches:** Use encryption and security audits to protect patient data.
- **User Experience:** Regularly test and improve navigation.
- **Inaccurate Info:** Verify provider details and encourage user reviews.
- **Teleconsultation Issues:** Ensure tech reliability and provide support resources.