Table of Contents

[Introduction 2](#_Toc175730946)

[1.1 Purpose 2](#_Toc175730947)

[1.2 Vision 2](#_Toc175730948)

[1.3 Goals 2](#_Toc175730949)

[1.3.1 Identify Goals 2](#_Toc175730950)

[1.3.2 Goal Model 2](#_Toc175730951)

[1.3.3 Goal Dependencies 3](#_Toc175730952)

[1.4 Scope 3](#_Toc175730953)

# Introduction

## Purpose

The purpose of building University Health Services System with Electronic Medical Records (EMR) Integration is to assists students to get easier access to medical treatment. The health services will only be provided within the university as per the name of the system. We aim to provide the overall health services experience to students by managing students’ health records, appointments and billing process.

The special part of our system is it will be integrated with external EMR systems used by local healthcare providers. The system provides easier access to medical histories and health data. This way we can get students record from local healthcare providers easier.

## Vision

Our goal is to build an advanced platform for health services that will adapt to future developments in healthcare while still meeting the current needs of students.

## Goals

### Identify Goals

1. **G1:** The system shall integrate seamlessly with existing EMR systems to ensure accurate and timely access to patient records across all departments.
2. **G2:** The system shall improve the efficiency of healthcare delivery.
3. **G3:** The system shall ensure patient data privacy and comply with Health Insurance Portability and Accountability Act (HIPAA) regulations across all functionalities of the EMR integration.
4. **G4:** The system shall allow healthcare providers to easily input, update, and retrieve patient medical records during consultations, ensuring that all data is up to date in real-time.
5. **G5:** The system shall allow students to make appointments, pay bills and view their medical records.
6. **G6:** The system must be able to generate bills for students after each consultation.

### Goal Model

### Goal Dependencies

### Documenting Goals

|  |  |  |  |
| --- | --- | --- | --- |
| No. | | Section | Content/Explanation |
| ID | 1.1 |  |  |
| 1.2 |  |  |
| Management | 2.1 |  |  |
| Context | 3.1 |  |  |
| Goal Definition | 4.1 |  |  |
| 4.2 |  |  |
| 4.3 |  |  |
| 4.4 |  |  |
| 4.5 |  |  |
| Relationships | 6.1 |  |  |
| 6.2 |  |  |
| 6.3 |  |  |
| 6.4 |  |  |
| Misc. | 7.1 |  |  |
| 7.2 |  |  |

## 1.4 Scope

The University Health Services System with EMR aims to create a system that is equipped with several core functions. This system will encompass a range of features to give great experience to the users.

1. Patient management
2. Clinical management
3. Billing and financial management
4. Care coordination and integration
5. Administrative management
6. Student self-service
7. Data security and privacy
8. Report and analytics.

Reference

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