**Artifact 2**

**RIPHAH INTERNATIONAL UNIVERSITY**

****

**Programming Fundamental**

**Fall 2024**

**Group Members:**

**Tayyaba Jahangir Abbasi 62550**

**Tayyaba Noor 60251**

### **HOSPITAL MANAGEMENT SYSTEM**

### **1**. **Introduction**

**Project Overview: A Hospital Management System is a software that manages the patient and doctor data. It holds all data of doctors and patients and user can add the data, view the data, change it and update it whenever user want.**

**Objectives**:

* Store the data of patients and doctors.
* Update the data.
* Delete the previous data.
* Update the data.

**Stakeholders**:

* Patients
* Doctors

**2.** **Functional Requirements:**

* **It includes 2 modules. Patient management and doctor management.**

**Patient management includes:**

1. **Add patient**
2. **View patient**
3. **Update patient**
4. **Delete patient**

**Doctor management includes :**

1. **Add doctor**
2. **View doctor**
3. **Update doctor**
4. **Delete doctor**

### **3. Non-Functional Requirements:**

* **Performance:** The system must ensure that most data of employees be save.
* **Usability:** It is easy to use.
* **Reliability:** This system backups for data security purposes.
* **Security:** All the user information to be encrypted for data protection.

**4. System Constraints:**

* Operating system support.
* Internet connection bandwidth.
* Device compatibility.