| page1image3828864 | **B. P. Poddar Institute of Management and Technology**  **Department of Computer Science & Engineering**  **Software Engineering Lab (ESC 591)**  **AY: 2022-23 ODD Semester**  **Assignment-1 (Requirement Questionnaire)** |
| --- | --- |

Group No. (Case Study No.) 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Case Study Title: MHC-PMS (Mental Health Care-Patient Management System)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student Details:**

| **University Roll. No.** | **Name** |
| --- | --- |
| **11500120060** | **Payal Das** |
| **11500120095** | **Rajarshi Chowdhury** |
| **11500120028** | **Rupankar Ghoshal** |
| **11500120027** | **Rohit Pandey** |

**Please do not write anything below the dotted line >**

...................................................................................................................................................................................................

**Marks awarded (Total Marks = 20)**

| Student Name |  |  |  |  |
| --- | --- | --- | --- | --- |
| Marks Awarded |  |  |  |  |

Signature of Faculty with date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Requirement Engineering Questionnaire**

*e.g. Priyanka Goswami (Library Member)*

Table – 1: Name of Student (User) \_\_Rajarshi Chowdhury; Medical records Staff\_\_\_\_\_\_\_

| **Sl. No.** | **Question asked** | **Answer/Response received** |
| --- | --- | --- |
| 1. | What features do you want in this system? | Access to all medical records of patients and information regarding schedule of all medical staff |
| 2. | How to notify medical departments, hospital management and patients ? | Email/ text |
| 3. | Who will be able to access the medical records ? | The admin, clinicians and medical staff can access records. |
| 4. | What are the exact roles of medical records staff ? | Update records of patients (text summarization and data visualization), automated notifications to medical staff and hospital management |

Table – 2: Name of Student (posing as Admin/User) Rohit Pandey; Role -Admin\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Sl. No.** | **Question asked** | **Answer/Response received** |
| --- | --- | --- |
| 1. | What features do you need in this system? | Required features are as follows:   * Access to patient records . * Access to check required medical equipments. * Access to personal data of all users. * Ability assign new patients to doctor. |
| 2. | How to send precised report to doctors? | Here clinical staffs would enter the enter the reports of patient which on a button click would be summarised by our NLP model and then sent to doctors email. |
| 3. | How to check which doctors are free to assign new patients and assign new patients to them? | There is a object mapping of doctor with their list of patients . If the count of patients in list is less than some desired number then we consider doctor to be free and can assign new patients to him. |
| 4. | How can I access the patient records and records of doctor? | You need to sign in through the admin credentials in order to check all these records. |

Table – 3: Name of Student (posing as Admin/User) Payal Das; Role -Clinical Staff/ Clinician

| **Sl. No.** | **Question asked** | **Answer/Response received** |
| --- | --- | --- |
| 1. | What features do you want in this system? | To create, modify and delete medical data. |
| 2. | How to notify the doctor in case of a medical emergency? | Email/Text |
| 3. | Who will be able to view the medical records? | The admin, clinicians and medical staff can access the records of the patient |
| 4. | Who will be able to check the required medical equipments and medicines? | Admin and clinicians |

Table – 4: Name of Student (posing as Client/User) Rupankar Ghoshal; Role - Receptionist.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Sl. No.** | **Question asked** | **Answer/Response received** |
| --- | --- | --- |
| 1. | What are the features do you want from this system? | The required features are given below:   * Proper details of a doctor’s timing for checking up a patient. * Finalising a doctor’s appointment for a patient and issuing a slip of it. * Establishing a proper communication with the patient party. |
| 2. | How to send reports to the doctor's end? | Through the clinical staff this activities will be done. |
| 3. | How can the appointments be finalised? | As soon as the receptionist enters the server with the login credentials, that person can access the data list where vacancies for patient appointments are there and an appointment can be fixed as per the patient’s convenience according to that given schedule. |
| 4. | Who will notify the doctors and other medical staff and how? | Receptionist will notify the doctors and other medical staff via email or text. |

**List of Features/Functions summarized:**

| **Sl. No.** | **Function/Feature of the system** | **User(s) who uses this feature** |
| --- | --- | --- |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |

**Assumptions (if any):**

**1.**

**2.**

**3.**

**4.**

**5.**