# ****Team Name: Programatori seriosi****

# ****Chat App Requirements****

## ****1. Chat List Page (Messages Overview)****

### ****Description****

* A page displaying a list of past chats for the current user.
* Only private one-on-one chats are supported.
* Each list item represents a chat and includes:
  + The name of the user involved.
  + If the name is too long (more than 50 characters), only a truncated version is displayed
* A back button, located at the top-left corner, that changes the page to the previous one, is provided.

### ****Behavior****

* If there are too many chats to fit on the screen, a scroll bar will be available.
* If no chats exist, the list will remain empty.
* Chats are sorted alphabetically based on the users’ name.
* Changes made by other users are not updated in real-time.
* All chats and messages are loaded at once.

## ****2. Chat Page****

### ****Description****

* A dedicated page for messaging with another user.
* The chat page includes:
  + The name of the other participant displayed at the top.
  + A message input bar at the bottom for composing messages.
  + A send button located at the bottom-right corner.
  + A back button located at the top-left corner, which changes the page to the previous one.

### ****Message Constraints****

* Messages can be a maximum of **255 characters** long.
* Messages include the following details:
  1. Message text.
  2. The sender’s name (truncated to a maximum of 50 characters if too long).
  3. Date and time of when the message was sent.

### ****Display & Alignment****

* All messages are aligned to the left.

**Notification System Requirements**

## ****1. Notification Details Page****

### ****Description****

* A dedicated page displaying the **latest notifications received**.
* Each notification in the list:
  + Can contain a maximum of **50 characters** (longer notifications are truncated).
  + Clicking on a notification changes the page to a new one with the **full content**.
  + ClearAll Button for deleting all the notifications is provided at the top-left corner.

### ****Behavior****

* A **"Clear All"** button at the top allows users to **delete all notifications** at once.
* If there are **too many notifications** to fit in the page, a **scroll bar** is provided.
* If there are **no notifications**, the list remains empty.
* All notifications are loaded on the screen at once.
* New notifications are **not** updated on the screen in real time.

## ****2. Notification Page****

### ****Description****

* When a user clicks on a notification, a **new page** appears, displaying the **full message**.
* A **delete button** is available inside the page located at the bottom-right, allowing the user to **remove that specific notification**.

## ****3. Notification Types****

### ****For Patients:****

* **Upcoming Appointment Reminder:**
  + Example: "Tomorrow at [Time], you have an appointment with Dr. [Name]."
* **Medication Reminder:**
  + Example: "It's time to take [Medication Name], Quantity: [Dosage], [Administration]"
* **Review Reminder:**
  + Example: "Reminder: Please leave a review for your last appointment." (No direct link provided.)

### ****For Doctors:****

* **Appointment Cancellation Notification:**
  + Example: "Patient [Name] has canceled their upcoming appointment on [Date]."

### ****For Admins:****

* **Anonymous Doctor Review Notification:**
  + Example: "A new anonymous review has been submitted for Dr. [Name]."

# ****Hospital Audit System Requirements****

## ****1. Overview****

* The audit system allows users to view hospital **statistics** from the chosen period of time (last year/ month, default: month).
* Users can choose to view data based on:
  + **Doctors**
  + **Departments**

## ****2. Doctors' Statistics****

### ****Doctor Details List****

* A list displaying **doctor names along with total hours worked** and **number of patients treated** in the selected period of time.
* If a name is too long (> 128), it will be **truncated**.
* If the list is too long to fit the screen, a **scroll bar** will be available.
* A combo box for choosing the period of time will be available.
* All doctors are loaded on the screen at once.

## ****3. Department Statistics****

### ****Department Details List****

* A list displaying **department names along with:**
  1. **Number of doctors** in the department.
  2. **Number of medical equipment** in the department.
  3. **Number of rooms** in the department.
  4. **Number of internees (hospitalized patients)** in the department in the selected period of time.
* If a name is too long, it will be **truncated (>128)**.
* If the list is too long to fit the screen, a **scroll bar** will be available.
* All departments are loaded on the screen at once.