**Premier Care Hospital**

**Course:** Business Programming

**Members:** *Josiah Lawrence, Aaron Hazzard, Raushawn Mitchel*

**Objective:** Provide Functional and Non-Functional Requirements for the Premier Care Hospital

**DATE:** 10/18/2022 (mm/dd/yyyy)

**Functional & Non-Functional Requirements**

With the given information from Rio Claro Community with the creation of the Premier Care Clinic that was established in 2005. We at Dragon Studio (DRGN STUDIO) have come up with a few requirements that may be beneficial to the software application and database to support the operations of this project.

Mr. CEO, the below points contain the Functional and Non-Functional Requirements for the Software Application we will be implementing. The ***Functional Requirements*** are the requirements that describes a service that the software must offer. It also describes the software system or its component. It can be a calculation, data manipulation, business process, user interaction, or any other specific functionality which defines what function a system is likely to perform. Whereas the***Non-Functional*** Requirements specifies the quality attribute of a software system. Failing to meet non-functional requirements can result in systems that fail to satisfy user needs. Therefore, we need to include these Non-Functional aspects

**Functional:**

* **Store Patient details**
* **Store information on appointments**
* **Staff Details**
* **Service Categories**
* **Keeping track of drugs**
* **Product Invoice**

**Non-Functional:**

* **Workstation with 8gb RAM**
* **Windows / Mac / Linux with Office 365**
* **Workstations with 2TB storage**
* **DBMS – MySQL and Oracle XE21**
* **Retrieve information in less than 60 seconds**
* **Ease of input via GUI (Graphical User Interface)**
* **Printer**
* **System and Hardware backups**

**Use Case Diagrams**

We have also created a few Use Case Diagrams to show a summary of how the users interact with the system. Just to clarify, you will notice that there are a few stick figures. These are known as actors; they are what we use to represent the personnel or objects that are interacting with the system. If for some reason you are a bit confused on the diagrams you can feel free to contact us at [868drgnstudio@gmail.com](mailto:868drgnstudio@gmail.com) or +1 (868) 761-8373.







