****



**Table of Contents**

1. **Introduction**…………………………………………………………………………
   1. Purpose…………………………………………………………………………...
   2. Scope……………………………………………………………………………..
2. **General Description**....……………………………………………………………...
   1. Product Functions….………………………………………………………….....3
   2. User Characteristics………………………………………………………….......3
3. **Specific Requirements**……………………………………………………………...
   1. Functional Requirements….……………………………………………………..
   2. Non-Functional Requirements…………………………………………………...4
4. **Analysis Models**……………………………………………………………………..
   1. Use Case Diagram………………………………………………………………
   2. Class Diagram…………………………………………………………………...
5. **Screens**………………….………………………………………………………….
6. **Database (ERD)**…………………………………………………………………....
   1. Database Schema….………………………………………………………….....
7. **Web Calls**………....…….…………………………………………………………..
8. **References**…………………………………………………………………………..
9. **Glossary**……………………………………………………………………………
10. **Introduction**

\*\*To be done\*\*

* 1. **Purpose**

\*\*To be done\*\*

* 1. **Scope**

\*\*To be done\*\*

1. **General Description**

\*\*To be done\*\*

* 1. **Product Functions**

Room Booking Application should be an easy to use application which will offer a user friendly process for booking a room. From booking rooms to updating profile details, cancelling booked rooms, viewing available rooms can be done by the user with few computer clicks. Additionally the admin can also add new rooms, view booked rooms, view available rooms, Edit room details within this app.

Room Booking application is supposed to be a mobile based application.

* 1. **User Characteristics**

Room booking application will target different kind of users in CEGEP’s Montreal campus:

* Teachers
* Pedagogical counsellors
* Other staff members in CEGEP’s Montreal campus

1. **Specific Requirements**

\*\*To be done\*\*

.

* 1. **Functional Requirements**

\*\*To be done\*\*

**3.2 Non-Functional Requirements**

Non-Functional Requirements specify the quality attribute of this system. These requirements specify the criteria that can be used to judge the operation of a system, rather than specific behaviors. Functional requirements specify what a system is supposed to do and these Non-Functional requirements specify how a system is supposed to be.

Non-Functional requirements for our system:

**Availability:**

NFR1: The app must be available for 24 hours a day, 7 days a week.

**Reliability:**

NFR2: The app must provide acknowledgement to the user, when the user books a room or cancels a booked room.

**Reusability:**

NFR3: We would use the same codefor the navigation drawer provided for the admin interfaces and user interfaces.

**Throughput:**

NFR4: Users should be able to navigate quickly between screens( maximum navigation time is 5 seconds).

NFR5: The app must have quick response time for every instruction given in this app( maximum response time is 3 seconds).

**Performance:**

NFR6: This App should be able to handle 50 users at a time without affecting its performance or accuracy.

**Quality:**

NFR7: The content in the app must be comprehensible.

NFR8: The app interface should be alluring to the user.

1. **Analysis Models**

\*\*To be done\*\*

**Use case Diagram**

\*\*\*To be Done\*\*\*

**Class Diagram**

\*\*\*To be Done\*\*\*

* 1. **Use case Diagram**

\*\*\*To be Done\*\*\*

* 1. **Class Diagram**

\*\*\*To be Done\*\*\*

1. **Screens**

**Screen flow diagram**

\*\*To be done\*\*

**Screen Design**

\*\*To be done\*\*

1. **Database (ERD)**

\*\*To be done\*\*

**ERD Diagram**

\*\*\*To be Done\*\*\*

* 1. **Database Schema**

|  |
| --- |
| \*\*\*To be Done\*\*\* |

1. **Web Calls**

\*\*\*To be Done\*\*\*

**Login**

|  |  |  |  |
| --- | --- | --- | --- |
|  | \*\*\*To be Done\*\*\* | | |
|  |  | | |
|  |  | | |
|  |  | | |
|  |  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. **References**

\*\*\*To be Done\*\*\*

1. **Glossary**

|  |  |
| --- | --- |
|  |  |
|  |  |

\*\*\*To be Done\*\*\*