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10. **Introduction**

\*\*To be done\*\*

* 1. **Purpose**

\*\*To be done\*\*

* 1. **Scope**

\*\*To be done\*\*

1. **General Description**

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* 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\*\*

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* 1. **Functional Requirements**

\*\*To be done\*\*

**3.2 Non-Functional Requirements**

NFR1. The platform must be Android and the minimum version should be 4.0.3 with API(Application programming Interface) level 15.

NFR2. Users should be able to navigate quickly between screens( maximum time is 2 seconds).

NFR3. This App should be able to handle 400 users at a time without affecting its performance or accuracy.

NFR4. Users should be able to navigate easily within the app.

NFR5. The content in the app must be comprehensible.

NFR6. The app should be alluring to provide a user-friendly environment.

NFR7. The app must be available for 24/7.

NFR8. The language used in the first version is English. Later, we would add more language options(French, Hindi).

NFR9. The app should be responsive to the user input.

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**

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

1. **Web Calls**

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

**Login**

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1. **References**

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

1. **Glossary**

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