**Analysis and Design DATABASE**

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1. Introduction

1.1 Purpose of document

* Help the reader understand:
* The function of each actor in the system.
* The type of data, relationships and constraints of such data in the system.
* The procedures and events in the database.

1.2 Scope

* System includes:
* Account Management
* Booking Room Management
* Statistic And Report
* Room Management
* Group Borrower Management
* Borrower Management
* Email Management
* Recycle Bin Management

1.3 The reader is expected

Participants develop the system

1.4 References

* SRS
* Use-case description

2. Describe the problem:

Faculty now has a number of meeting rooms for both faculty and students participate in the meeting, exchange and learning. Procedures of the rooms registration as follows:

* Teachers - Students wishing to enroll room: contact "Ms. Manh" to register rooms with a room, any time, for registration in the meeting room to do?
* “Ms. Manh” will check the registration list, if space is going for registration, otherwise you will not notice that the room is empty.
* "Ms Manh" can suggest the empty conference room to give them room and time change (if necessary).

However, there are difficulties when registering for the room, "Ms. Manh" is not in the office do not know any free room registered any room. Therefore, a software support help for displaying information of the registered office, office space for faculty members - students wishing to enroll will be easily seen.

* Software Requirements:

1. Show list of meeting rooms, changing colors for state office:

a. Availability (Green).

b. Registered Office (Yellow).

c. Rooms are using (Red).

2. Reservation.

3. Changing rooms.

4. Check out room.

5. Statistics on the use of room.

3. Functional Requirements:

3.1. List users:

* Admin
* Booking Room Management

3.2. Identify requirements

4. Usecases model