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# 1. Introduction:

## 1.1. PROBLEM DEFINATION

In tradition business method professionals feel difficulty in building their contacts. And it has some limitation that how much people you can contact from one place so that professionals can not able to expand their business globally. also, sometime professionals cannot know any experts and experts doesn't have proper audience so their knowledge cannot be used properly. And for office work, owners feel difficulty in connecting (they only meet in office hour) with employee from anywhere at any time and also global partners cannot able to maintain a business relationship with their employees and office partners for such problems BUSINESS MEDIA SYSTEM IS DEVELOP.

## 1.2 Initial Requirement Document

Title of the project	BUSINESS MEDIA
Stakeholders involved in capturing requirement	Social media user, employer, freelancer, influencer, Project Guide
Techniques used for requirement capturing	Brainstorming
Name of the person along with designation	-
Date	July,2020
Users of the system	Guest User, BUSINESSMEDIA user, System Admin
Version	1.0
<b>Consolidated list of initial requirements:</b>	
Req #1	The system shall be able to run on any computer which is capable of browsing the internet.
Req #2	The system shall be able to retrieve a required information and create a new account of user with unique name, and public privacy settings will be set by default.

Req #3	The BUSINESSMEDIA user Shall be able to select and change their category (i.e. employer, freelancer, influencer, etc.)
Req #4	The BUSINESSMEDIA user shall be able to create own office and shall be add other BUSINESSMEDIA users who will be known as cubical of that office.
Req #5	System Admin shall be able to assign expert label to BUSINESSMEDIA user
Req #6	The Guest User shall be only able to view public BUSINESSMEDIA accounts and public offices.
Req #7	The Office Creator shall be able to give work to their cubicles and also able to get report on that work.
Req #8	The BUSINESSMEDIA user shall be able to request a connection with another BUSINESSMEDIA user
Req #9	System Admin shall be able to send warning and also able to suspend/delete user account or office.
Req #10	The BUSINESSMEDIA user shall be able to search other users by their name, office name and category.
Req #11	The BUSINESSMEDIA user shall be able to ask question, topic ideas and plans (Which will be known as knowledge) in the room tab and user also able to assign label to that room and can create private Room for that particular knowledge
Req #12	The BUSINESSMEDIA user shall be able to share knowledge of public room with others and other user can give reply in that room
Req #13	In the Room (BUSINESSMEDIA Expert) Label holder's suggestion or answer shall be shown first.
Req #14	The BUSINESSMEDIA user (cubicles/office owner) shall be able to generate their reports of work.
Req #15	Every BUSINESSMEDIA user shall have their star count which will be count by their connection, office work and knowledge.
Req #16	The BUSINESSMEDIA user shall be able to maintain their profile with uploading their photos, work information and their stars which shall be view by another BUSINESSMEDIA user. And for private account user photos shall be view by their connected user only.

Req #17	The BUSINESSMEDIA user shall be able to disconnect the connection or can block or report other users to system admin for own profile only.
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### 1.3 Project Objective

- BUSINESS MEDIA is a social network that focuses on professional networking and work productivity.
- its design to help people make business connection and share their experiences.
- It's based on principles like connecting to friends, posting updates.
- "Let's build formal business relationship with informal touch", on this motto System will work.
- user will find news updates from their connections, their groups, and their company. It's both fun and wise to keep tabs on industry trends and reports
- They can connect each other 24\*7 by browsing on internet.

### 1.4 Product Scope

user should fill valid details during registration. The system shall be able to create a new account of user with unique name, and public privacy settings will be set by default. new user should only able to view public profile room and office. private account users' photos shall be view by their connected user only. The Office owner shall be able to give work to only their cubicles and also able to get report on that work. companies/offices can build their connection with other companies/offices by requesting them.

## **2 System Specific Requirements:**

### **2.1 Functional Requirement**

#### **Module 1: Registration and Login**

<b>RN</b>	<b>Description</b>	<b>Comments</b>
FR1	System shall authenticate and login user to the system. If not authenticate user they can choose guest user login.	Login form
FR2	System shall provide an interface to a new user to register themselves with the system by submitting following information. Name, address, city, skill, occupation, email, mob no, profile pic, category, selecting unique username (by default public privacy is set)	Registration form
FR3	Enable a registered user to change password if user forgets password. Send OTP through mail for user's verification.	Login form Forgot password

#### **Module 2: manage profile**

<b>RN</b>	<b>Description</b>	<b>Comments</b>
FR1	BUSINESSMEDIA user can update their personal information, set category of account and change their privacy settings	User profile
FR2	They can upload photos, work information on their profile.	User feed
FR3	They can also change their unique username and can delete their profile	User profile

#### **Module 3: manage connection**

<b>RN</b>	<b>Description</b>	<b>Comments</b>
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FR1	BUSINESSMEDIA user can request another user for building connections.	Profile connection
FR2	Another user can accept/decline the connection request	
FR3	They can also break already build connections and can report/block particular user.	

**Module 4: manage office**

RN	Description	Comments
FR1	BUSINESSMEDIA user can create/delete the own office	Office profile
FR2	BUSINESSMEDIA user can set privacy settings. as public and private	
FR3	Office owner can request another user to join as a cubicle, accept user joining request or can remove them. owner will able to assign the work to cubicles	Office connections
FR4	Office owner able to generate office report	

**Module 5: manage cubicles**

RN	Description	Comments
FR1	User can accept/decline cubicles requests which sent by any office owner.	Cubical
FR2	Users can apply in office for join as cubicles.	
FRR3	They can view the work which assigned by office and also able to view own work report.	

**Module 6: view account**

RN	Description	Comments
FR1	Guest user can view public profiles, office and rooms	Allowed accounts

FR2	Private profile, rooms and office can view by only connected user or cubicles.	Allowed connected accounts
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**Module 7: manage room**

RN	Description	Comments
FR1	Any user, cubicle, office can create a room and can set that rooms' privacy setting.	Room profile
FR2	According to privacy setting other user can ask a knowledge in that room, or they can answer or discuss asked knowledge.	
FR3	Room owner can assign label to room and can delete the room	

**Module 8: manage label**

RN	Description	Comments
FR1	BUSINESSMEDIA user request to system admin for profile label and system admin can view the label requests	
FR2	System Admin can able to assign label or to remove label from user profile or room.	

**Module 9: manage user**

RN	Description	Comments
FR1	System Admin will check the report request which sent by particular user	
FR2	according to that request admin can send warning or can delete the account of reported user.	

**Module 10: search**

RN	Description	Comments
FR1	Users and System admin can search a room, office and another user. They can search by user name, office	Search profile

	name, room name, assigned label and by user category.	
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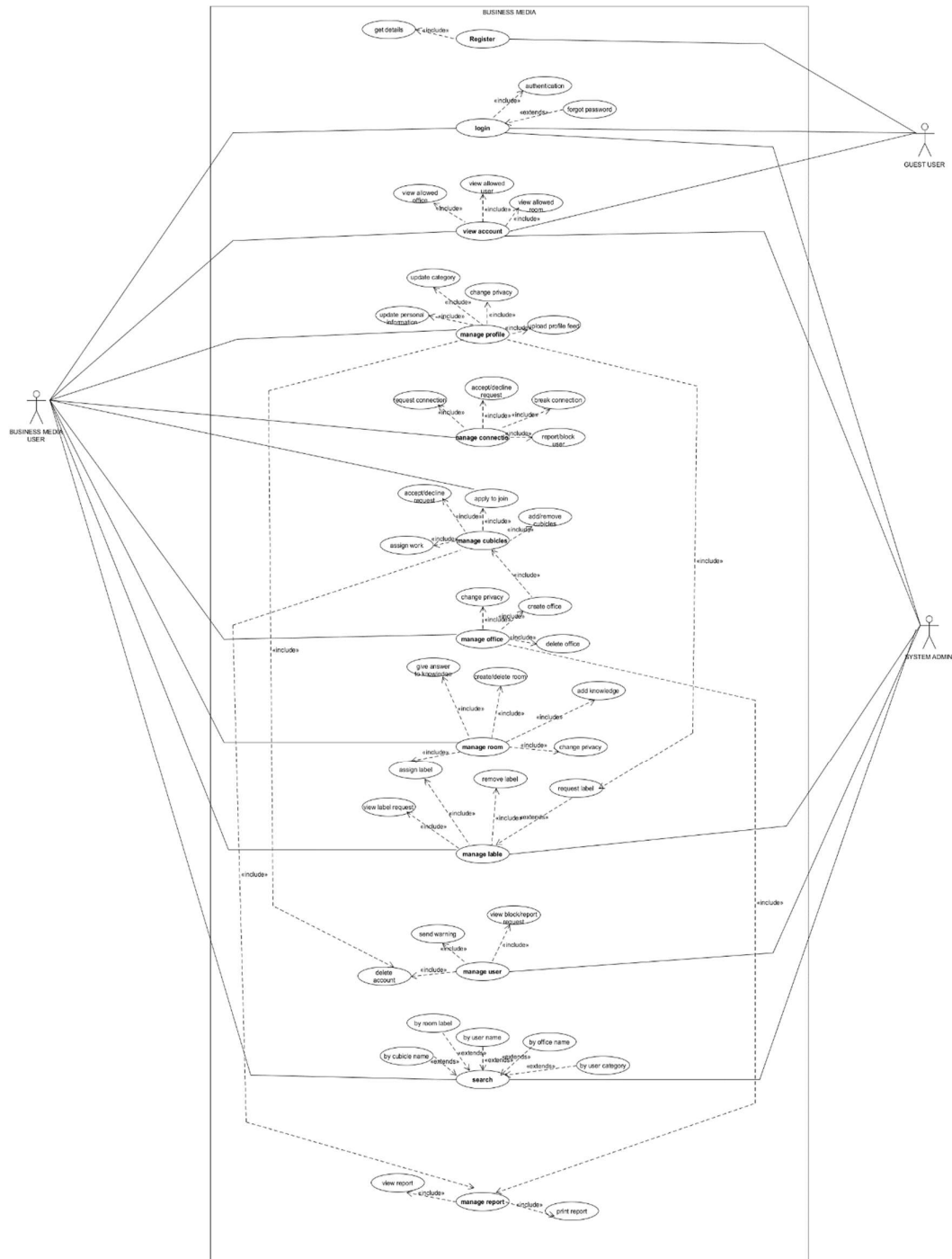
## 2.2 NON-Functional Requirement

RN	Description	Comments
NFR1	System shall provide security and data integrity is well maintained. Only authorized users can login into system. Users are authenticated by their username and password to access the system.	Security
NFR2	Each and every user's details are well maintained with proper validation. An appropriate message is displayed to the user for every error	reliability
NFR3	Any user having connected through internet can easily access the system.	Portability
NR4	Considering the ease of use for each user, each part is well designed and maintained. A simple and user-friendly interface is made so that every user can easily understand the way use the system and get familiar	Usability
NR5	The system will be designed with performance in mind where database procedure will be used reduce data access time and processing load on the web server.	Performance



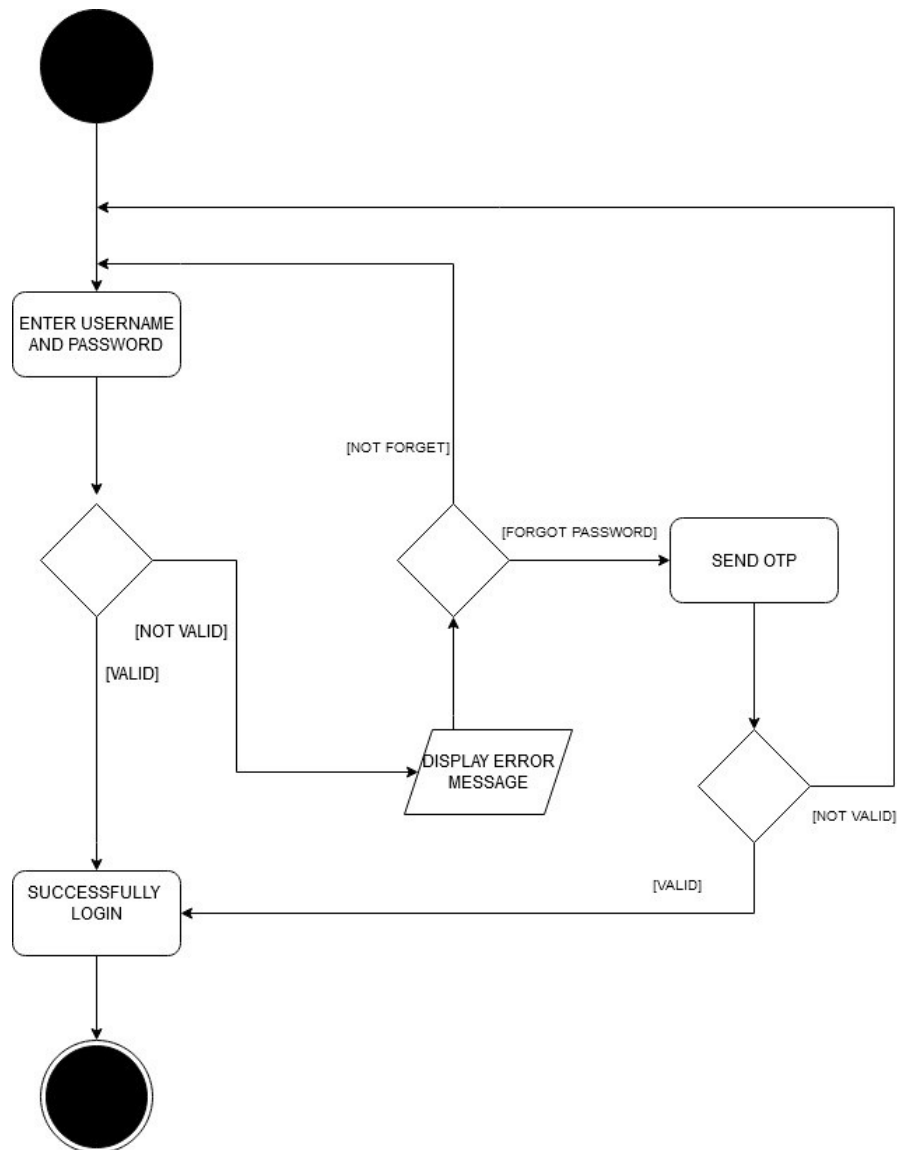
### **3 System Analysis:**

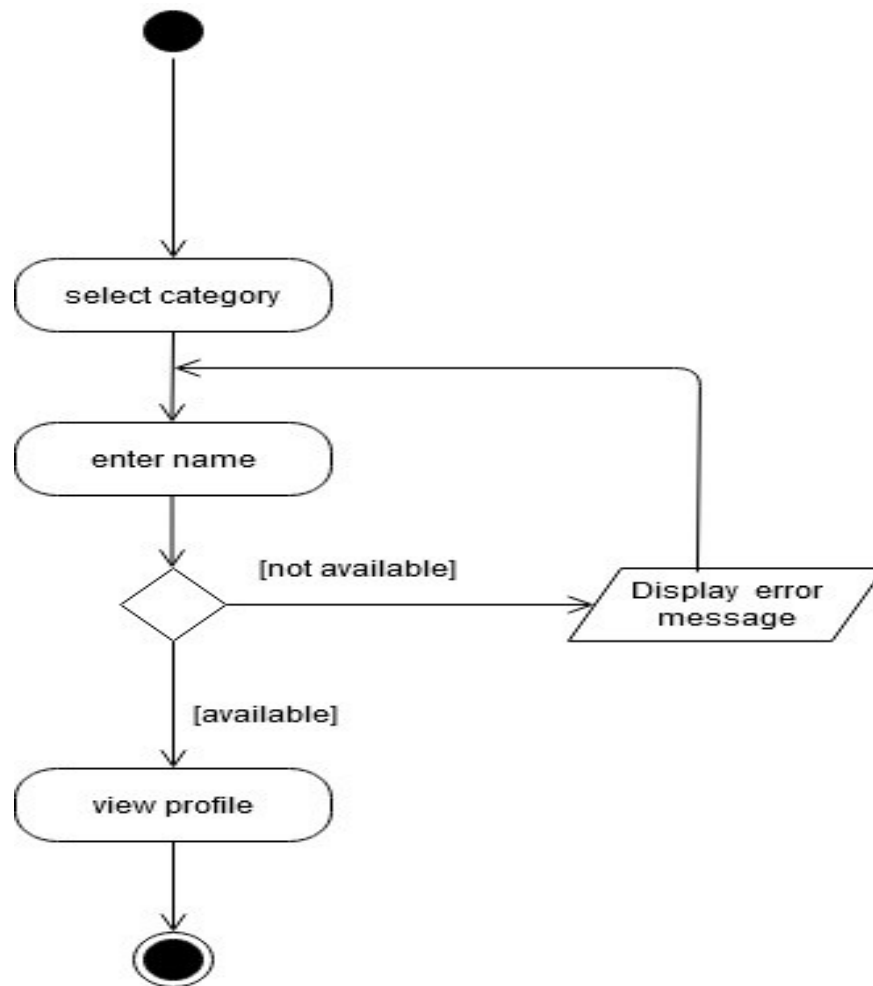
### 3.1 Use case Diagram



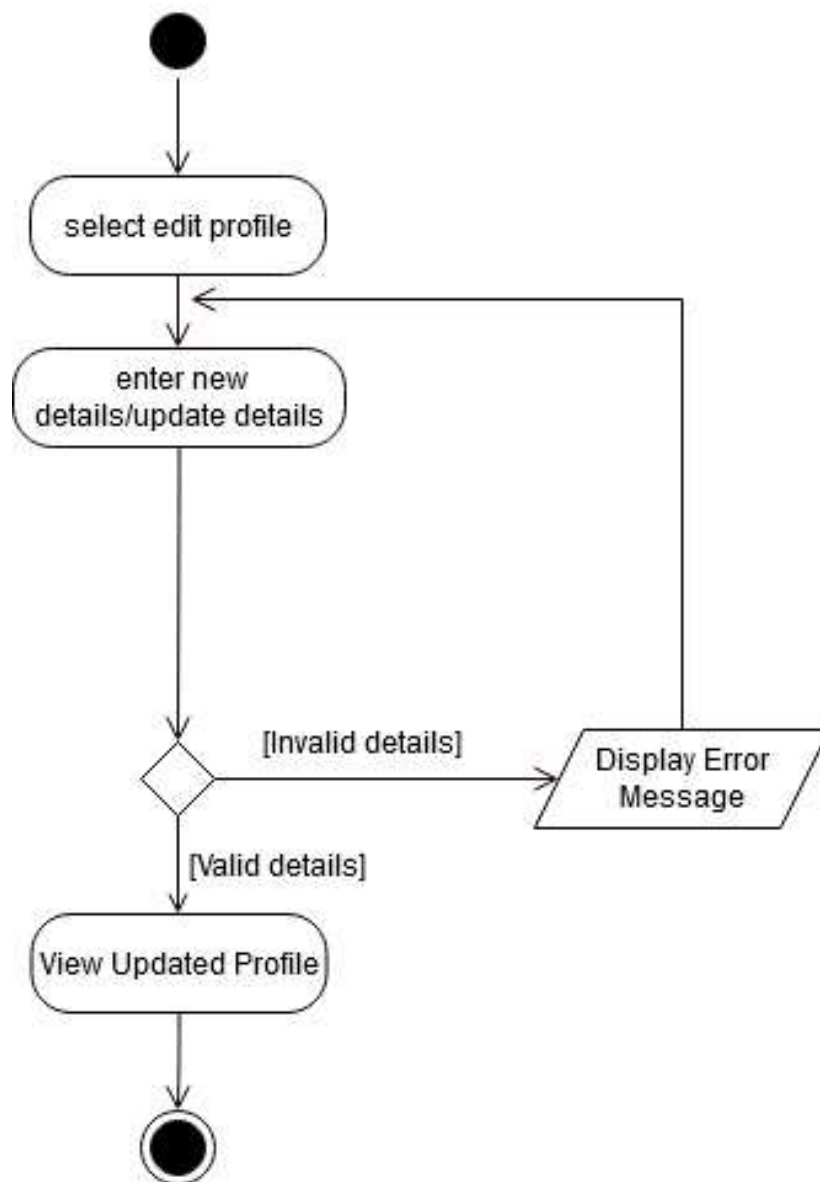
## 3.2 Activity Diagrams

### 1) Activity diagram of login by end user

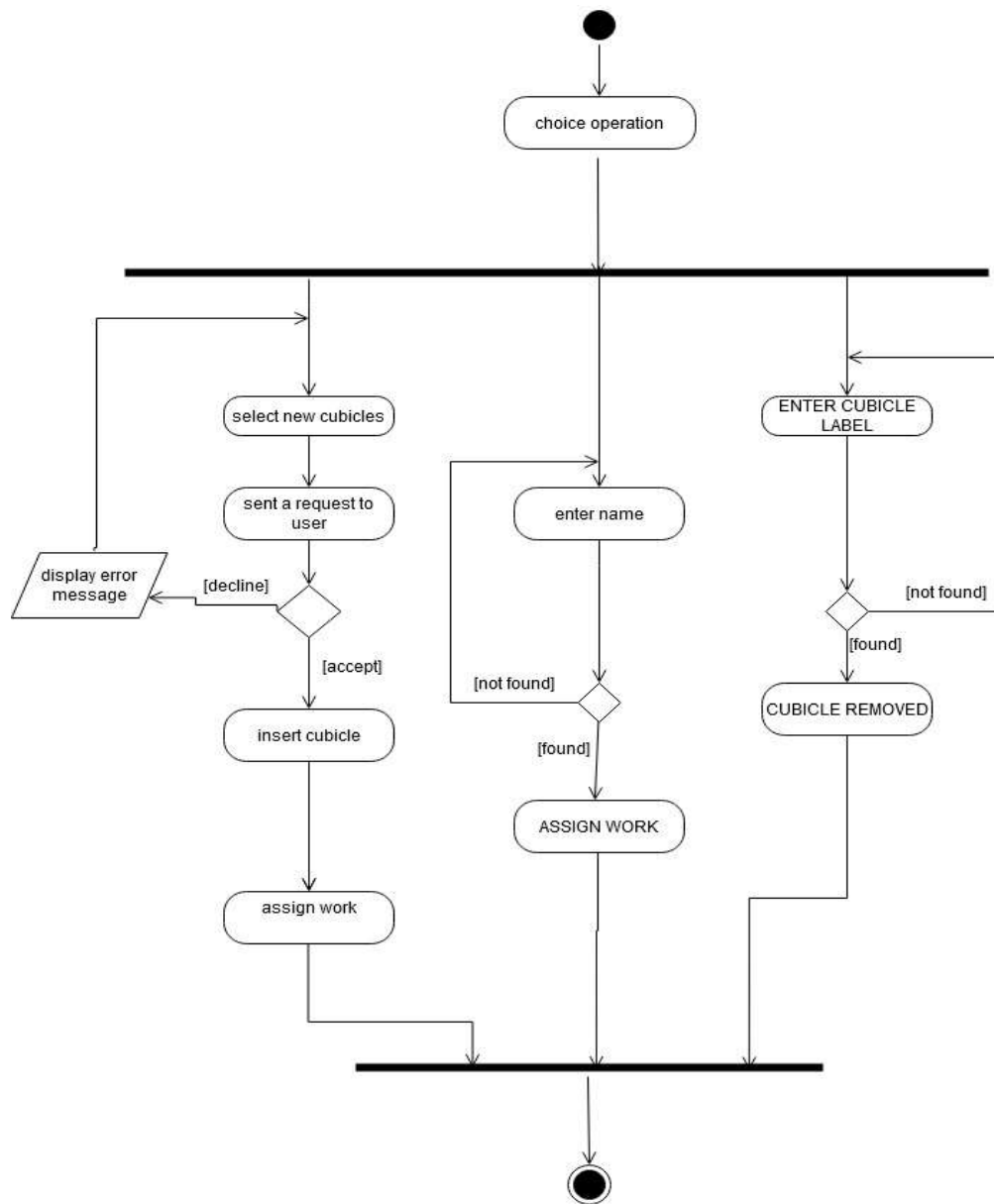


**2) Activity diagram of search by business media user**

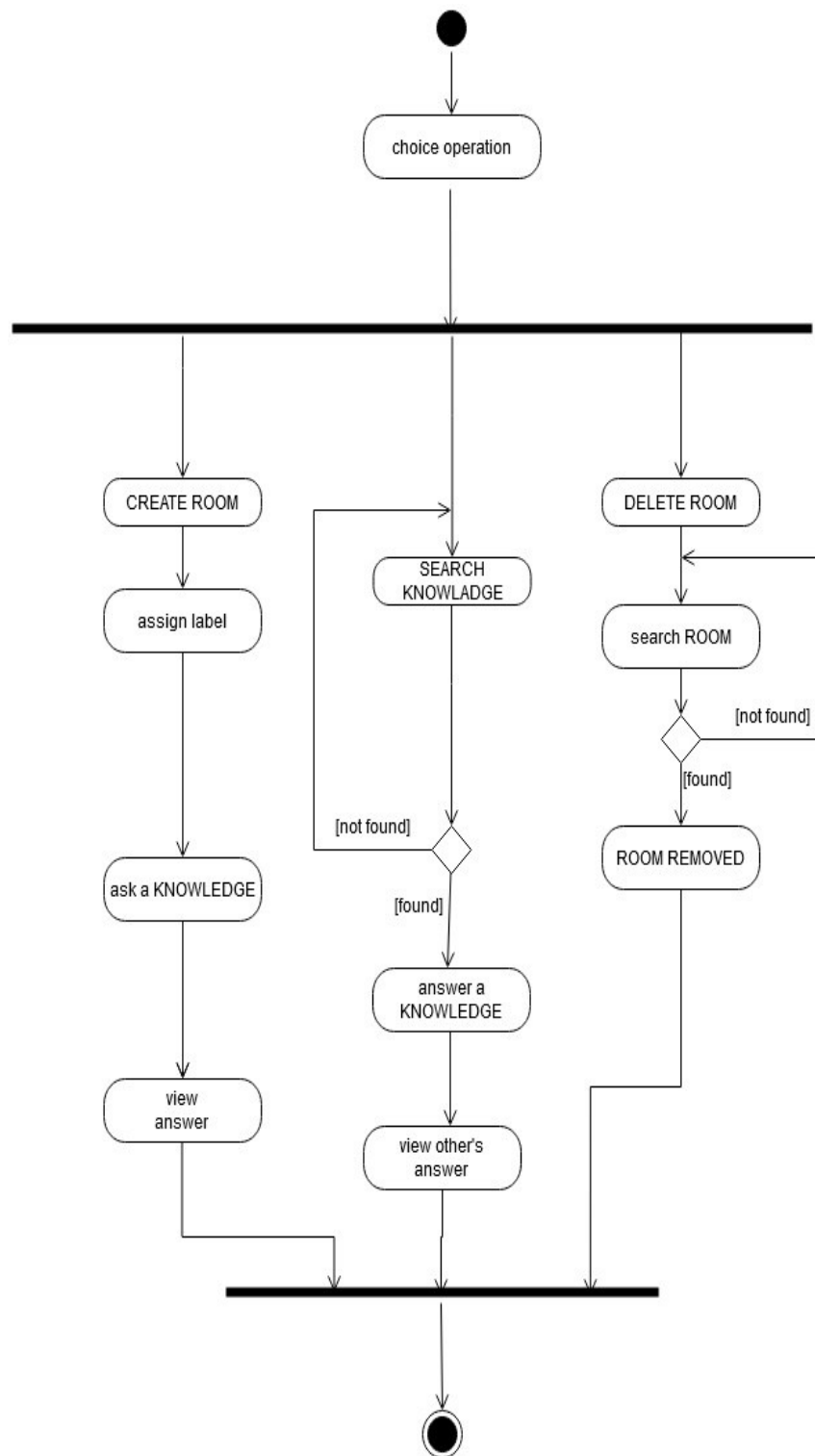
### 3) Activity diagram of update profile by business media user

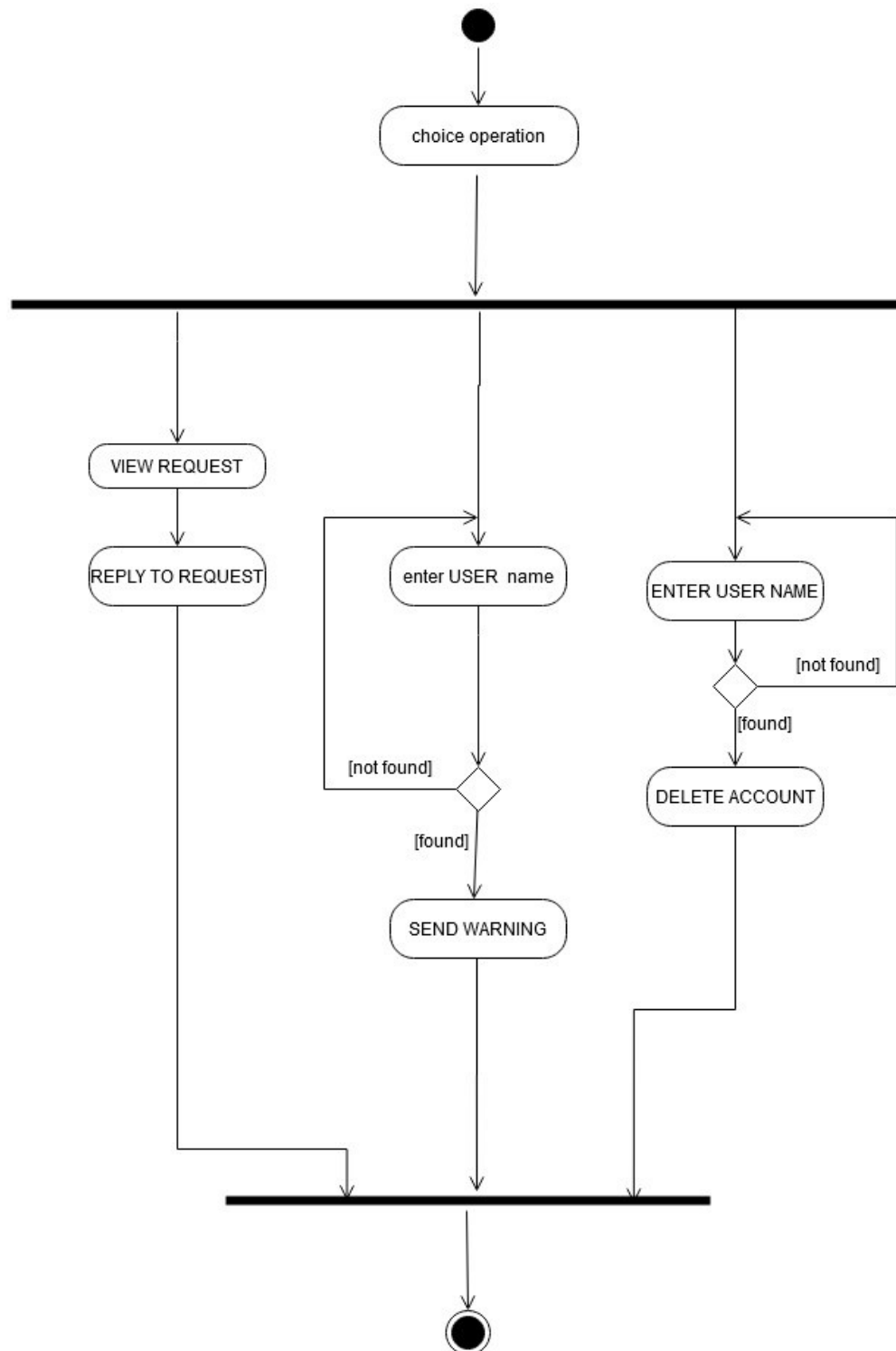


#### 4) Activity diagram of manage cubicles by office owner



### 5) Activity diagram of manage room by business media user



**6) Activity diagram of manage user by system admin**

### 7) Activity diagram of manage connection by business media user

