OPEN SOOQ

Kingdom of Saudi Arabia	بِسْمِ ٱللَّهِ ٱلرَّحْمَٰنِ ٱلرَّحِيمِ	المملكة العربية السعودية
Ministry of Education		وزارة التعليم العالي
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Collage of Computer Engineering and Science		

OPEN SOOQ

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1444

Content

Project Proposal

- **Introduction:**

An electronic auction app dedicated to all people for buying and selling objects used for domestic purposes includes electronic devices, so everyone benefits from previous goods from the students or employees of all around the world off buying things in good price

- **Problem statement:**

The main reason that prompted me to view, the problem is to offer goods in cheap price to everyone and save shopping time by buying online

- **Objectives:**

The main objective of the items from the site is the service of all the people around the country:

    1 - aims to develop the process of buying and selling for all kind of people in electronic form

    2 - Aims to create a collaborative environment among people.

    3 - To facilitate the process of buying and selling for people who has no time to go shopping.

Project Requirements

- **FUNCTIONAL REQUIREMENTS:**

    1. **Login:**

ID	Priority	Description
F1	High	The application shall allow the user to login to their account by entering their username and password.

    2. **Register:**

ID	Priority	Description
F2	High	The application shall allow the user to register to the app.

    3. **advertising:**

ID	Priority	Description
F3	High	The application allows you to advertising or selling goods.

4. search:

ID	Priority	Description
F4	High	The application allows you to searching for something you want to buy.

5. suggestions:

ID	Priority	Description
F5	low	The application makes suggestions for people according to their interests.

6. Third-Party Apps:

ID	Priority	Description
F6	low	The application offers to you login by using third party applications like google and Facebook.

7. Social Sharing:

ID	Priority	Description
F7	low	The application let you to sharing your ads in social media sites to reach to as many as people

8. manage ads:

ID	Priority	Description
F8	low	The application manages ads, sorts them by date, and blocks unimportant ads

- **NON-FUNCTIONAL REQUIREMENTS:**

    1. **User safety:**

ID	Priority	Description
N1	High	This application is characterized by protection and security, as it protects the user's privacy from penetration

    2. **Reliability:**

ID	Priority	Description
N2	High	The application allows real ads and removes and combats false ads

    3. **Availability:**

ID	Priority	Description
N3	High	The application will be available when the user wants it.

4. Portability:

ID	Priority	Description
N4	High	An end-user is using this application on anyOS

5. Maintainability:

ID	Priority	Description
N5	High	The application has a big support, that mean the updates arriving rapidly to users every while.

6. Performance:

ID	Priority	Description
N7	Low	The application searches and displays results accurately and quickly

7. Concurrent sessions.:

ID	Priority	Description
NF7	High	The application enables a large number of users at a given time.

8. Privacy:

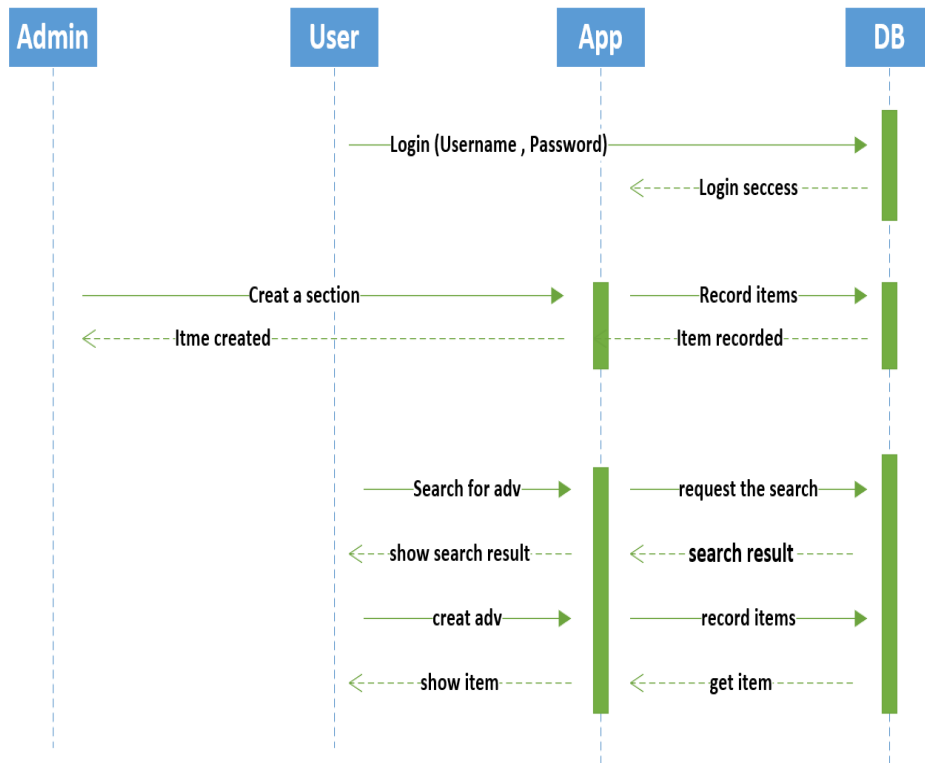| ID	Priority	Description
NF8	High	The application provides a high privacy rate, so it can be used without worry

Project Activity diagram (Process Model)
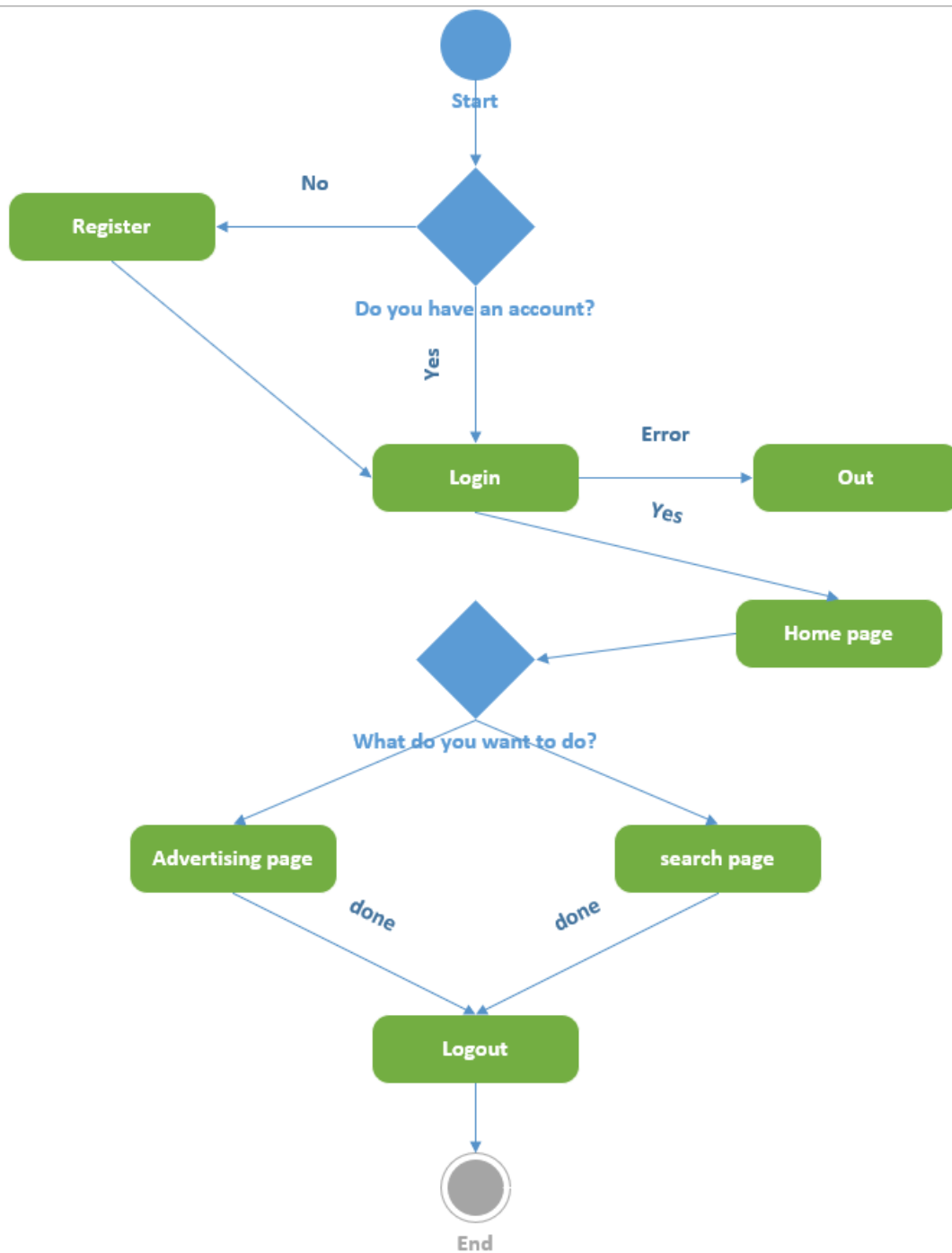
Project Use Case Modeling
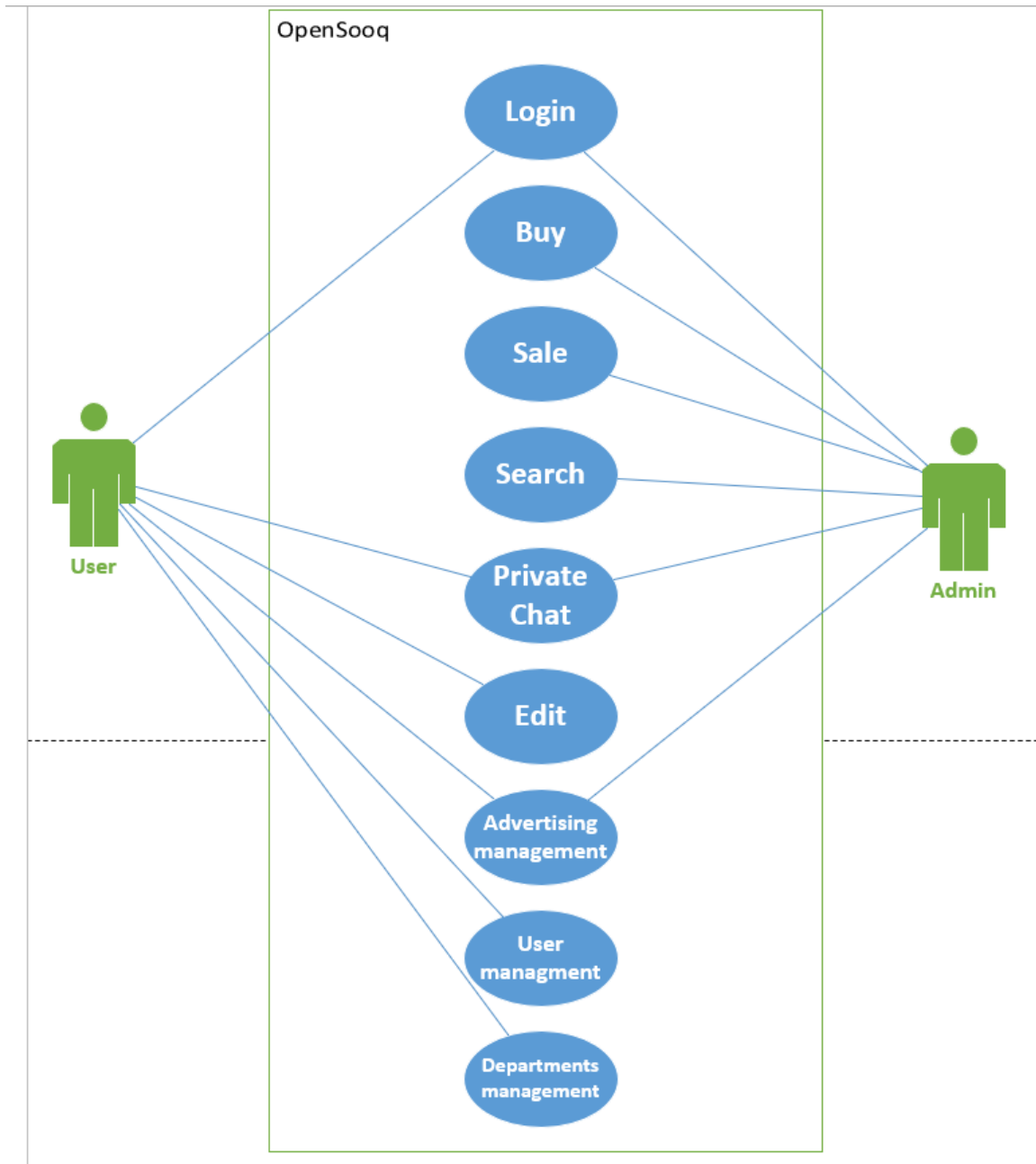
Creating Sequence Diagrams

Creating a Class Diagram

section
- -section_number
- -section_name
- -create()
- -edit()
- -delete()

1:1

admin
- -UID
- +Name
- -Phone
- -Username
- -Password
- -login()
- -logout()

user
- -UID
- +name
- -phone
- -username
- -password
- +register()
- +login()
- +logout()

M:1

1:M

advertising
- +adv_number
- +adv_type
- +adv_pic
- +creat()
- +edit()
- +delete()

customer
- -username
- -passowrd
- +buy()
- +search()

advertiser
- -username
- -password
- +advertising()
- +saling()