



## Phase 2-b: final SDS Document

**Course Name:** CS251: Software Engineering I  
2014-2015

**Program:** Easily Buy, Sell, Exchange Products

**TA:** Catherine Bedrossian

**Leader:** Ahmed Gamal

**Contact Mail:** ahmed.gamal@stud.fci-cu.edu.eg



## Contents

Team .....	3
1. System Models.....	4
A. System Decomposition .....	4
B. Class diagrams.....	5
C. Sequence diagrams.....	7
• Class - Sequence Usage .....	9
2. Physical Entity-Relationship Diagram .....	10
3. User Interface Design.....	12
4. Ownership Report.....	Error! Bookmark not defined.13



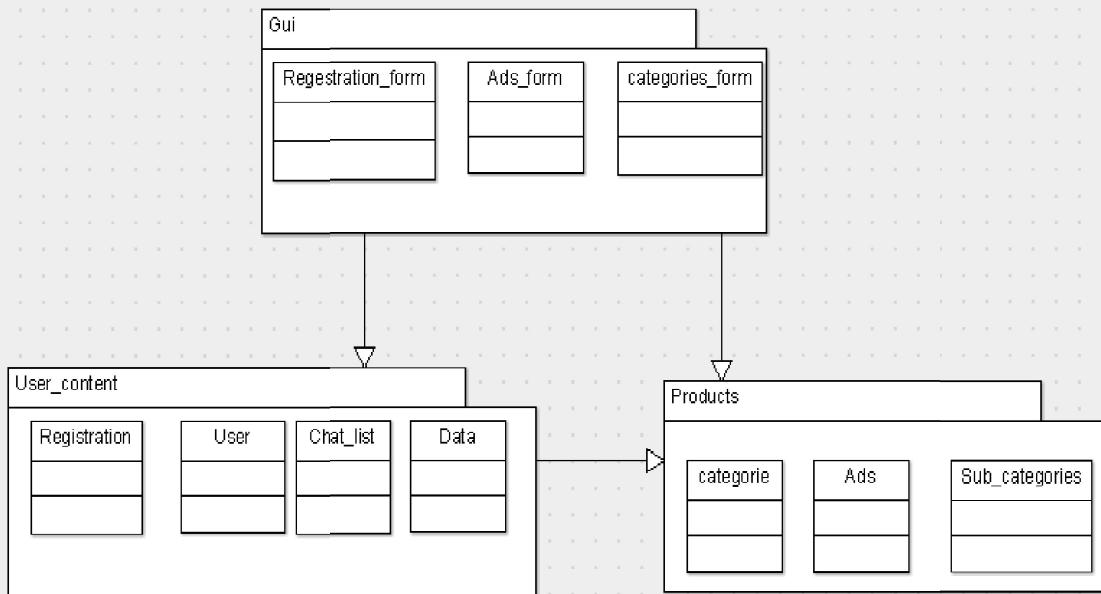
## Team

ID	Name	Email	Mobile
20120016	Ahmed Gamal Bahloul	ahmedgamal564@gmail.com	01114931859
20120042	Ahmed Abd Elaziz Ahmed	ahmedzezo807@yahoo.com	
20120037	Ahmed Adel Sayed Soliman	ahmed.adel200100@yahoo.com	
20120159	Khaled Saleh Mossaad	k_s_m2012@yahoo.com	



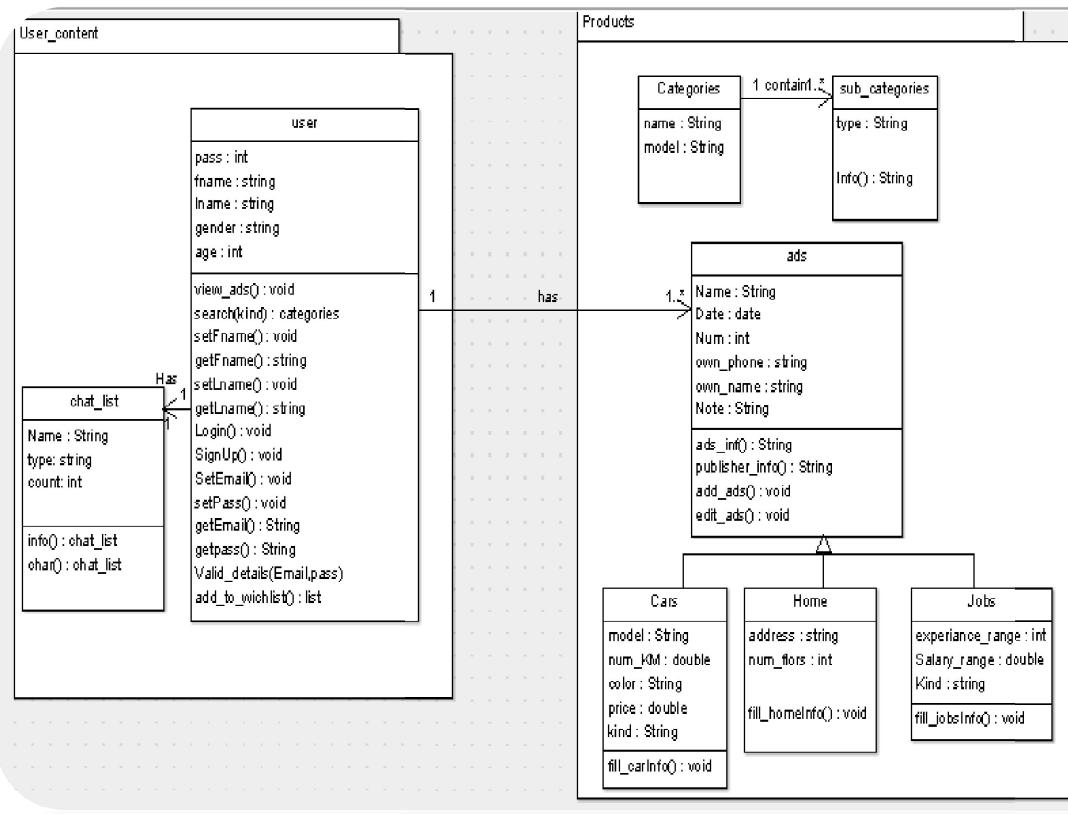
## 1. System Models

### A. System Decomposition





## B. Class diagrams

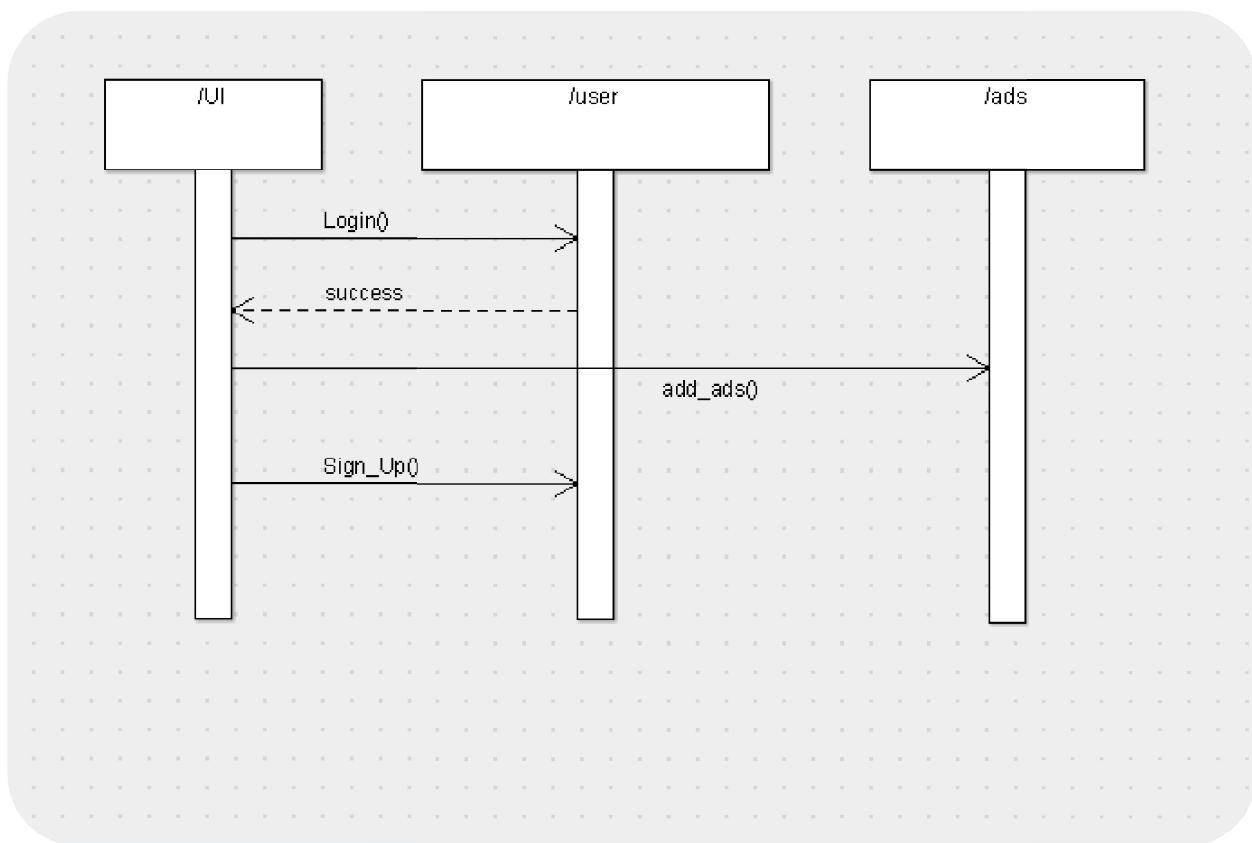


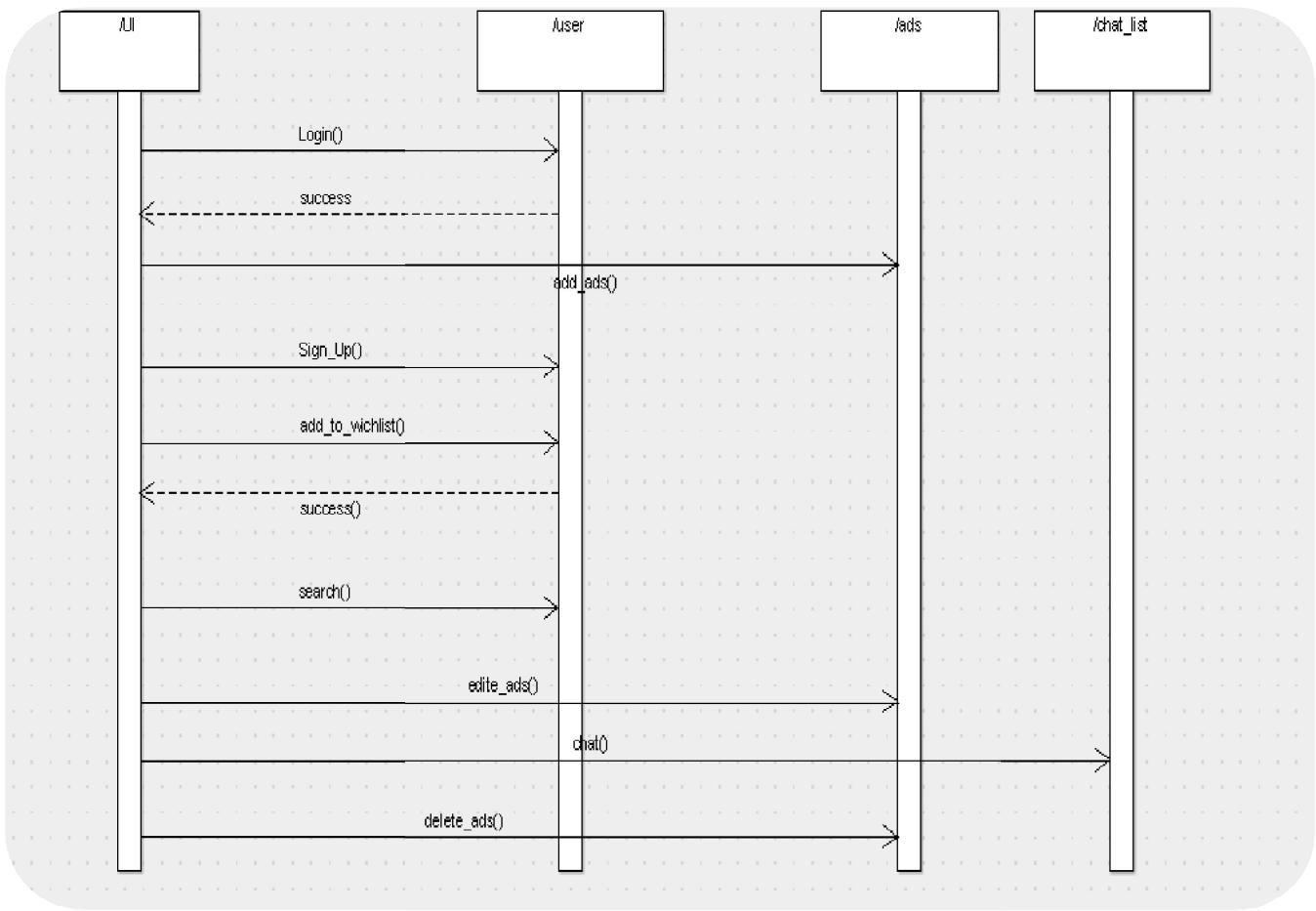


Class ID	Class Names	Subsystem ID	Description
1	Login	1	Enable the user to login the page by using his email and password.
2	sign_up	1	Creating account and filling application of the user like name, age, e-mail, gender and password.
3	user	2	Enable user to search and view the continents of the page.
4	chat_list	2	Knowing the type and count of his product.
5	Categories	3	Tell the user of the name and model of the chosen type
6	sub_categories	3	Knowing more information about the category.
7	ads	3	Enable the publisher to add more information about his product and editing it.
8	toolbar	4	Show the user buttons to click on
9	window	4	Enable user to write on it.
10	Categories	4	Choosing the type of category user want by using button
11	data	5	Class that save ,remove and edit any information about product



### C. Sequence diagrams





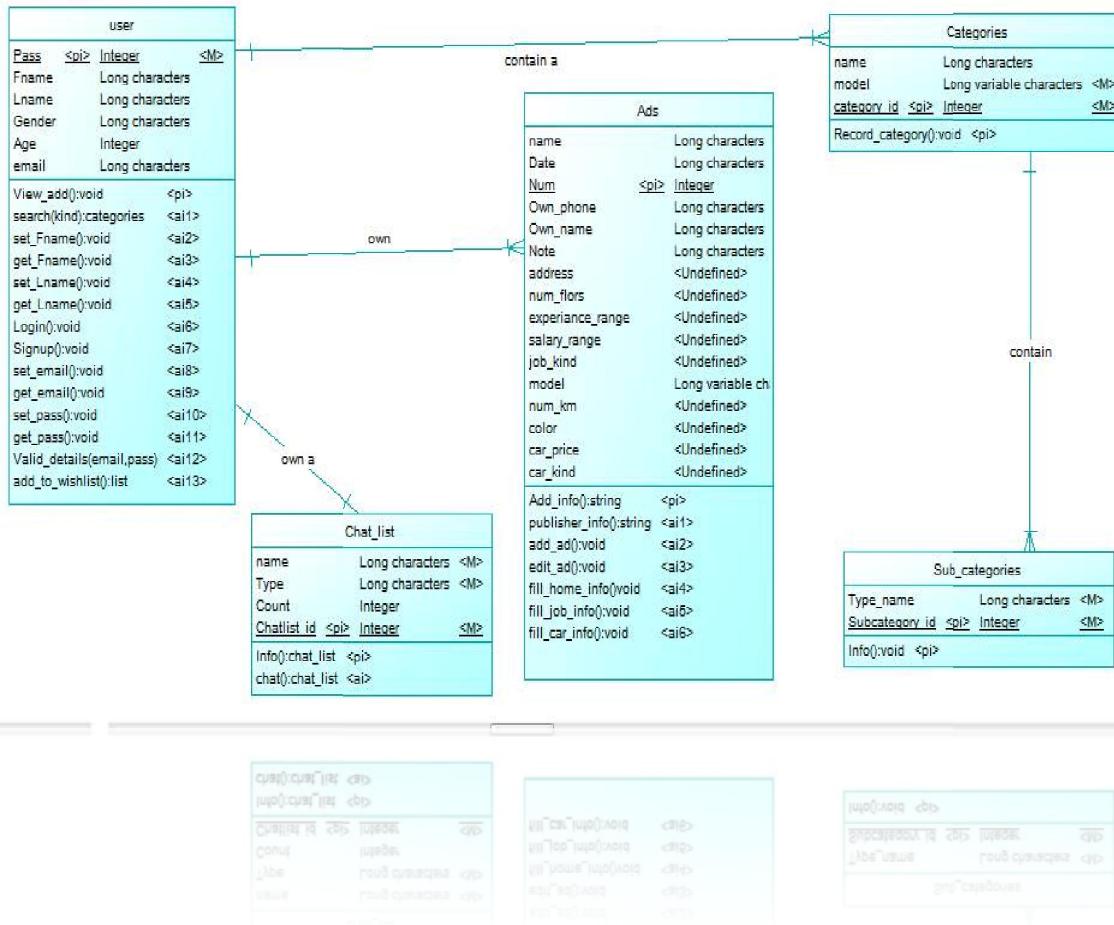


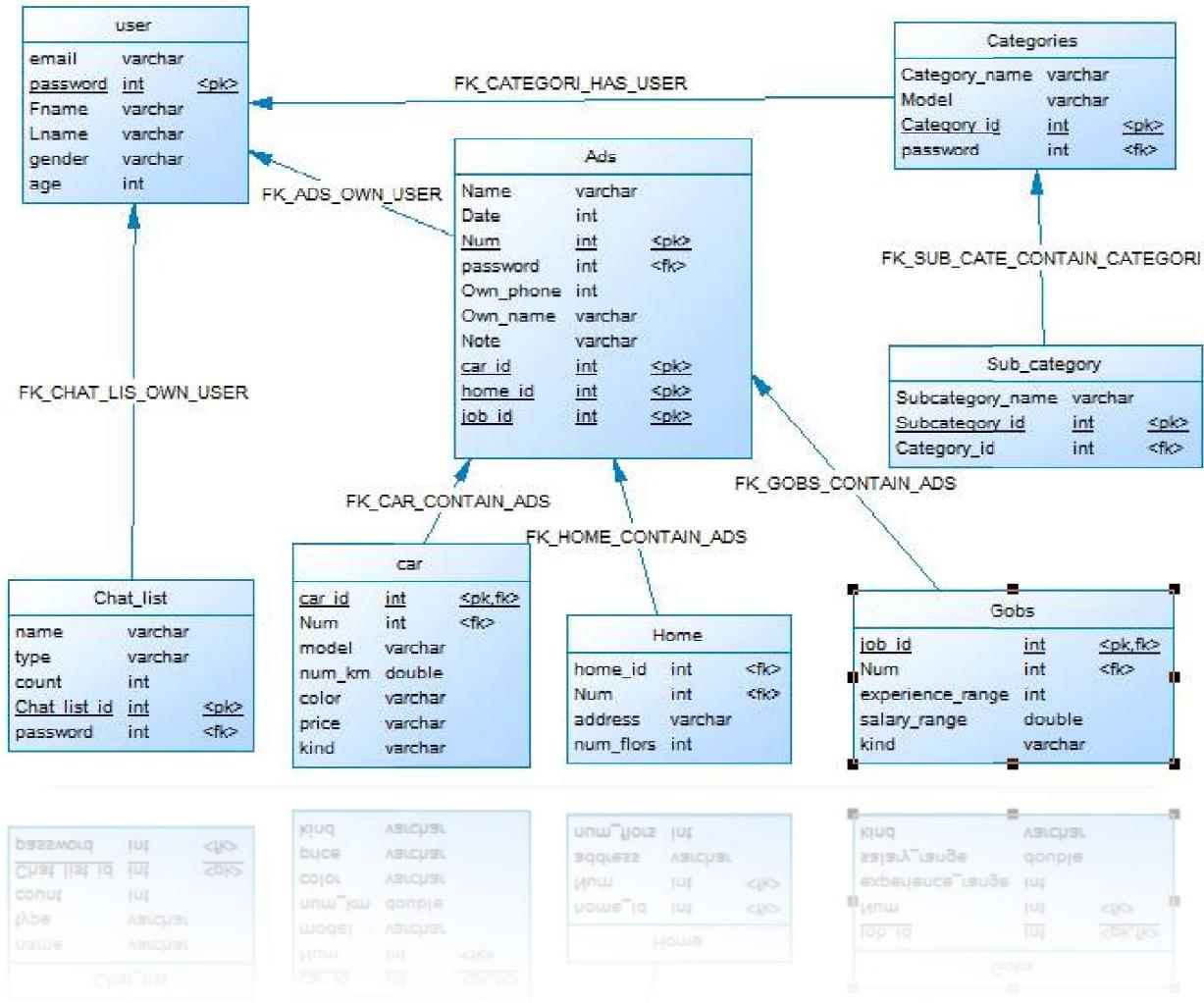
- **Class - Sequence Usage**

Class Name	Sequence Diagrams	Overall used methods
User	We used here the e-mail and password to login in We used here fname, lname, e_mail, gender, age ---Password to sign up	Login  Sign Up
ads	We used the name, date and the number to ads any thing	Add ads



## 2. Physical Entity-Relationship Diagram







### 3. User Interface Design

## A. Screen 1 –Registration

# Revolution

Email  Password  **LogIn**

## Sign up

First Name  Last Name

Email

RE-enter Email

Password

Birthday Year  Month  Day

Gender  Male  Female

**Sign Up**



### B. Screen 2- Publish Ad

**Publish Your Ad**

categories

Kind

Add title

Description

Model

Price / Salary

City

Mobile Number

**Publish**