CS251 – Software Engineering I

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CS251: Phase 2 – Team Name
Project: <Project Name>

Software Design Specification

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Team

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Document Purpose and Audience

This document explains an easily buy, sell and exchange products online system. It describes the features that are provided by this system, system decomposition, class diagram, sequence diagram, physical entity (ERD) and system interface.

Audience of this document system administrator, stockholder, testers and developers.

System Models

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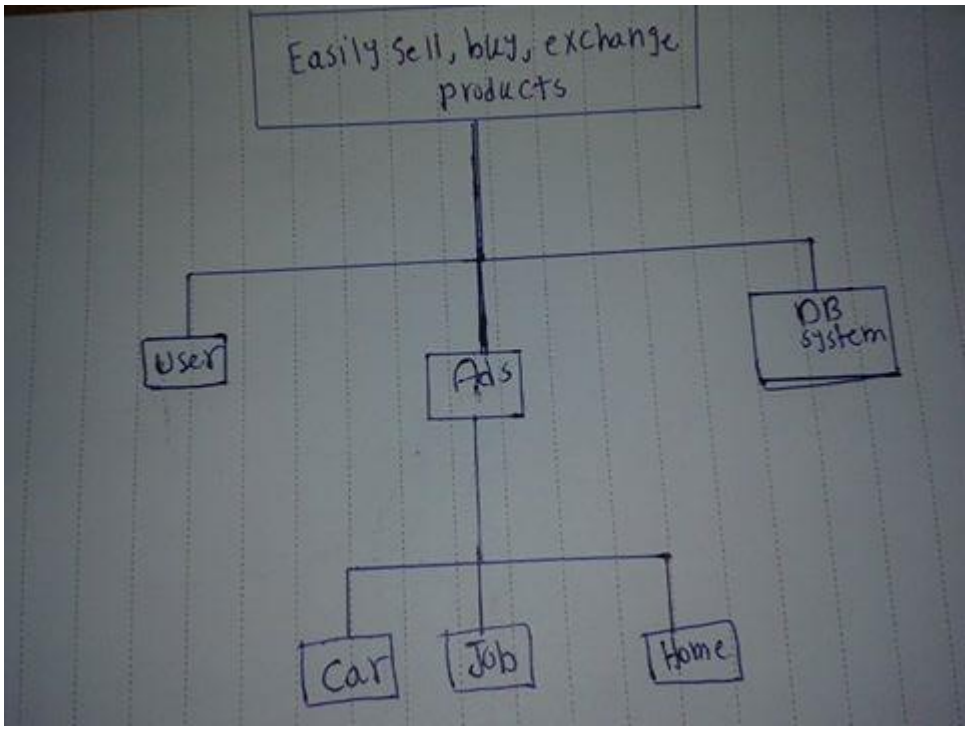
System Decomposition



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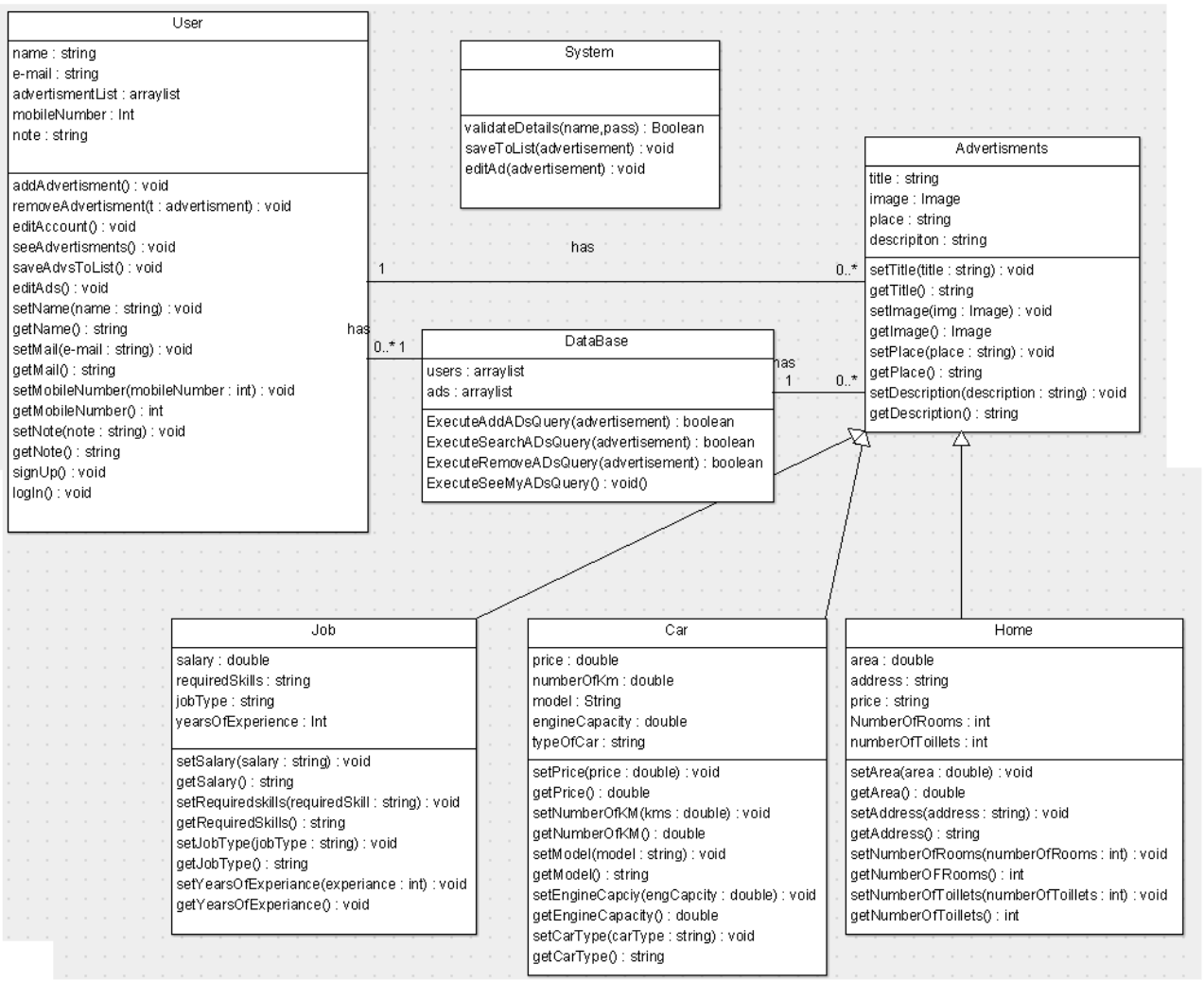
Class diagrams



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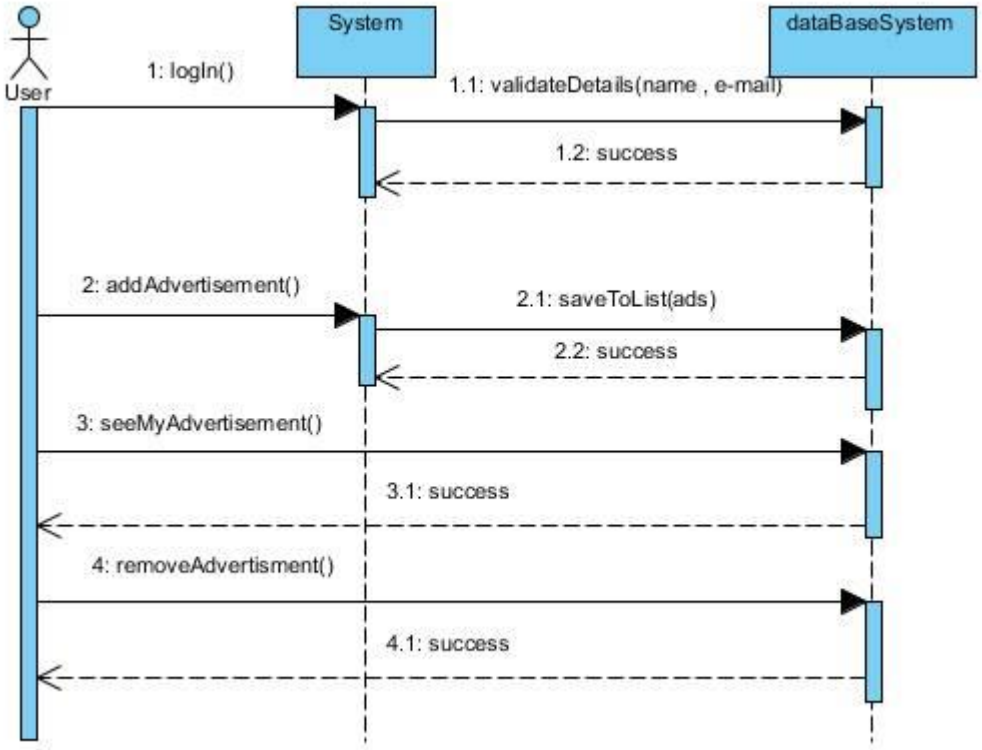
Sequence diagrams



Class - Sequence Usage

Class Name	Sequence Diagrams	Overall used methods
User	1 , 1.2 , 2 , 2.2	Login() , addAdvertisments()
System	1.1 , 2.1 3 ,4	validateDetails() ,savaToList() seeMyAdvertisment() ,removeAdvertisment()

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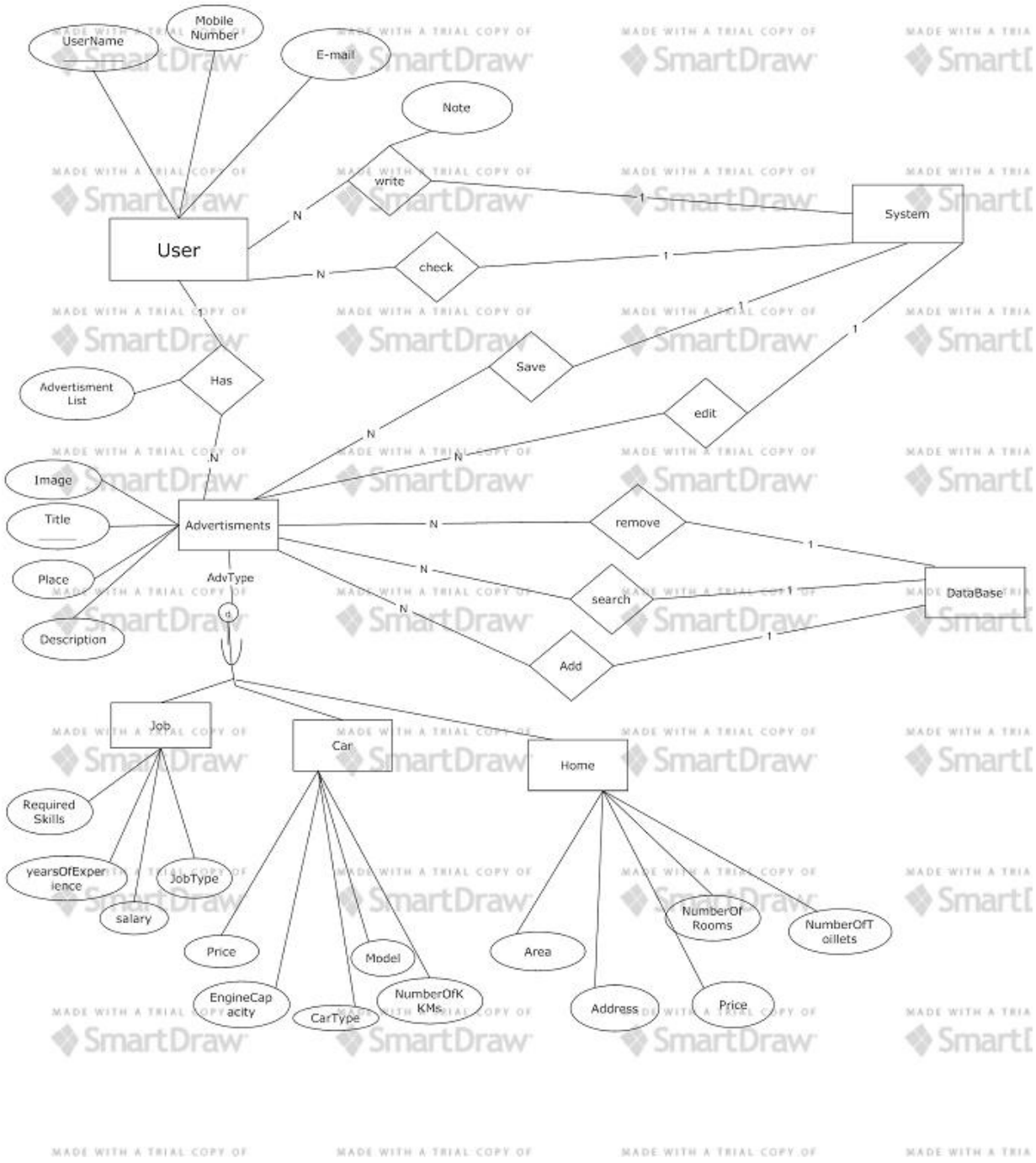
Physical Entity-Relationship Diagram



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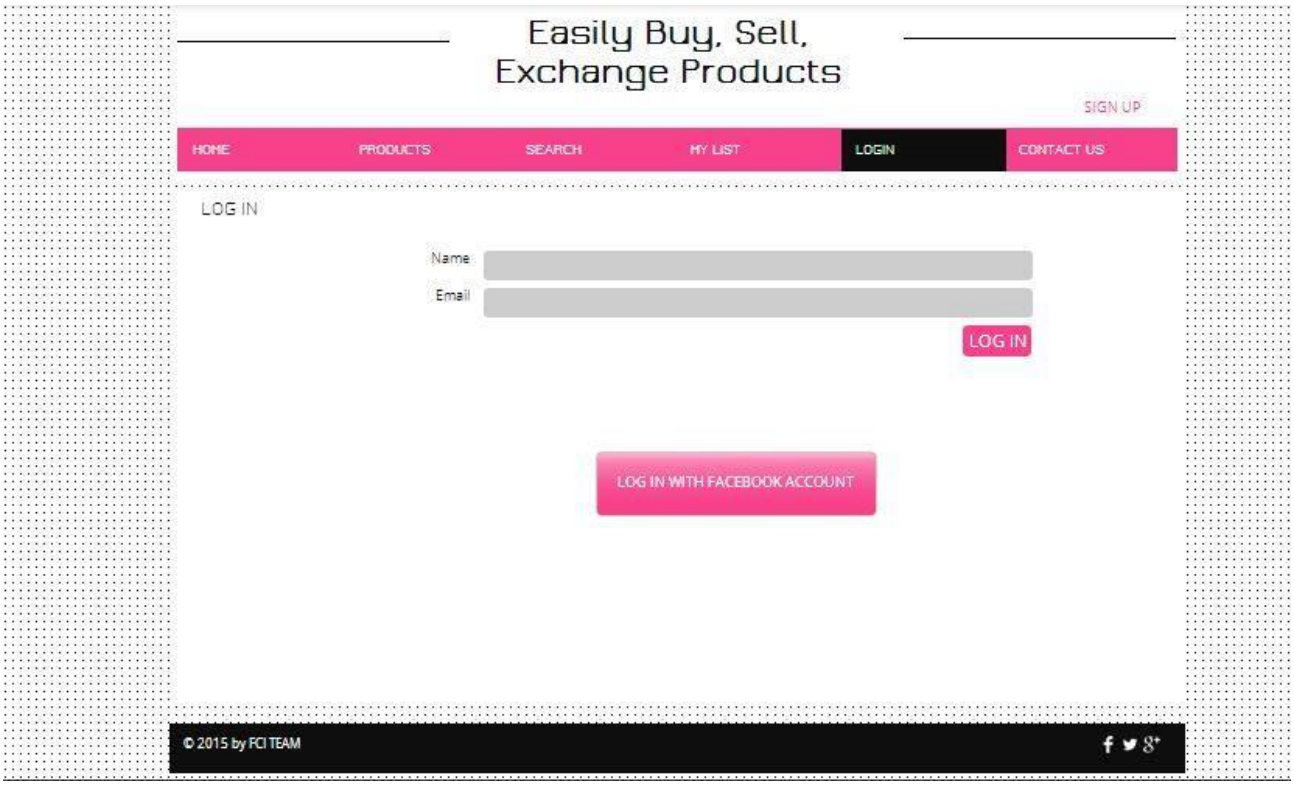
User Interface Design

Screen 1 – Sign in



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Screen 2 – Account infotmation

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Screen 3 – Home Page

Ownership Report

Item	Owners
System Decomposition	Sherif Abdul Latif
Class Diagrams	Shady Shalaby, Sherif Shokry, Sherif Abdel-Latif , Sabry Rageb
Sequence Diagrams	Sherif Abdel-Latif
Physical Entity-Relationship Diagram	Sabry Ragab
Interface	Sheref Shokry