



CS251 – Software Engineering I

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CS251: Phase 2

Project: Easily Buy Sell Exchange Products

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.



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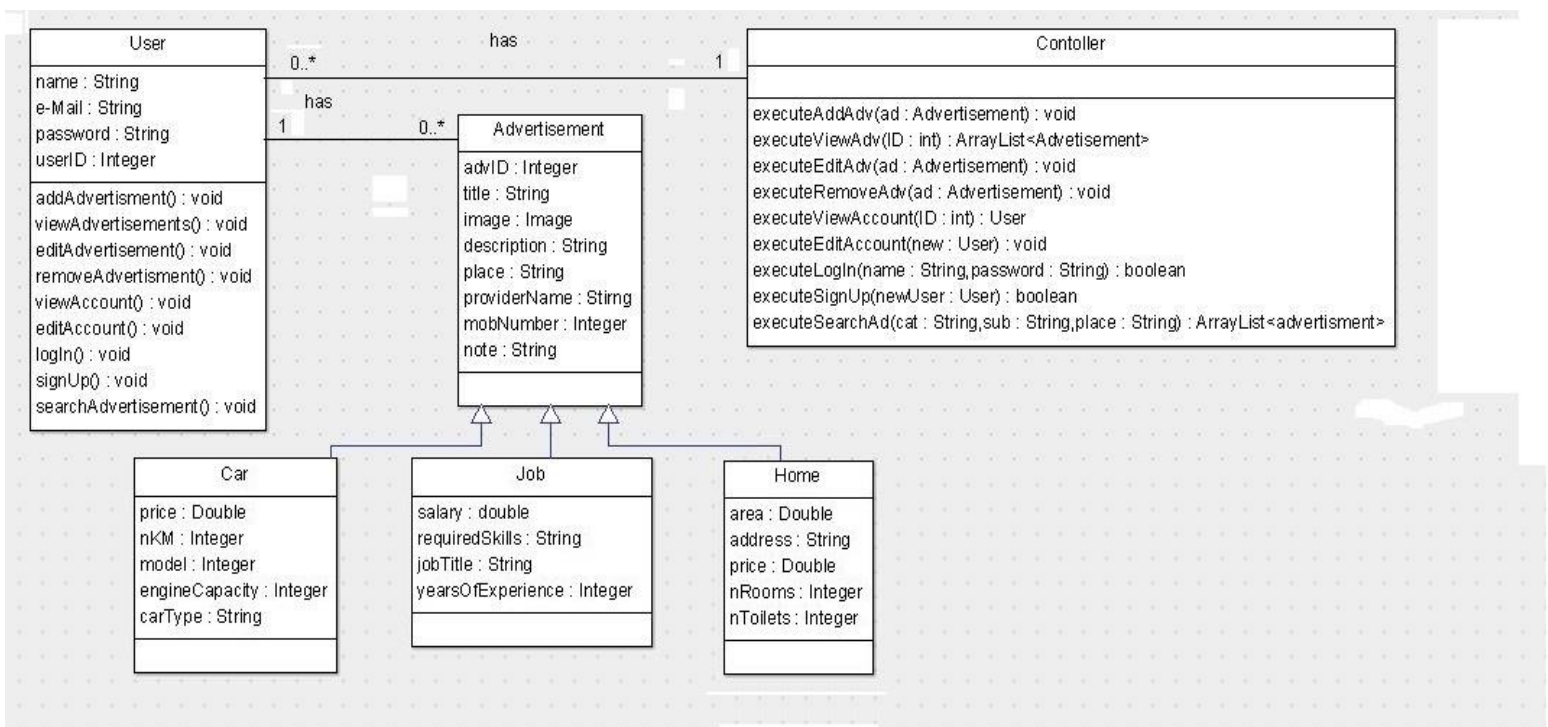
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System Models

System Decomposition

Class diagrams



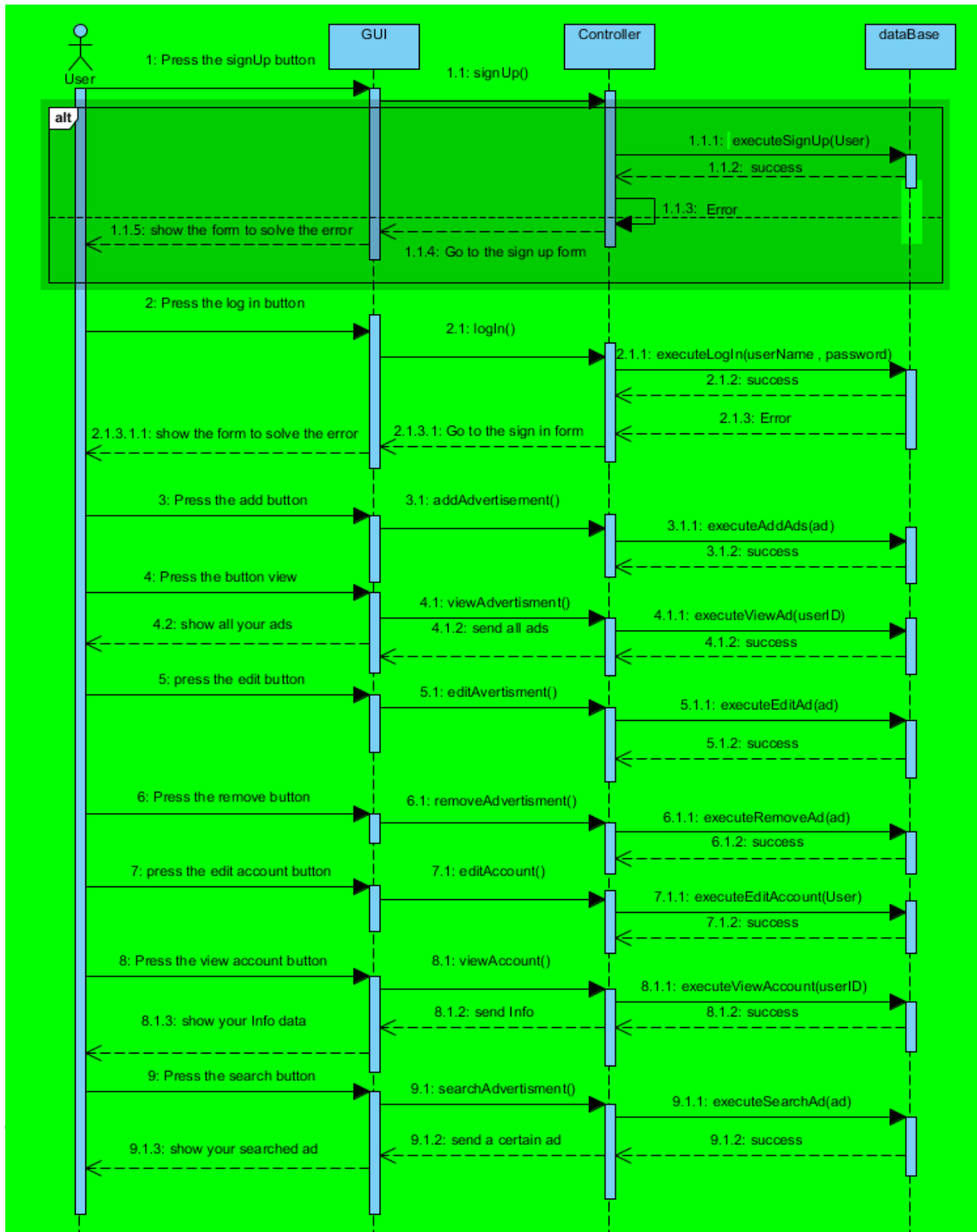


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Sequence diagrams





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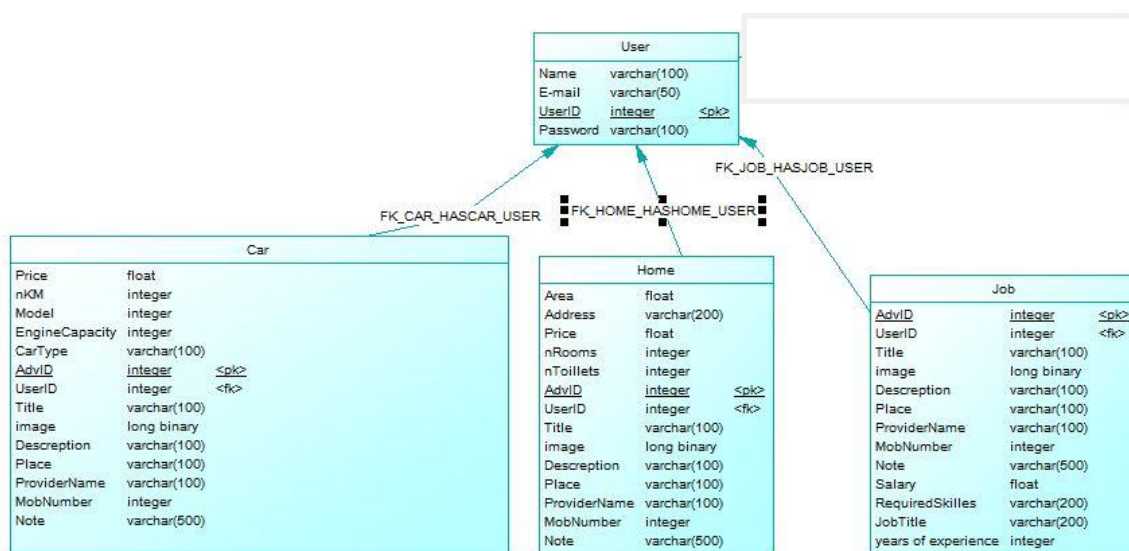
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Class - Sequence Usage

Class Name	Sequence Diagram	Overall Used Methods
User	1, 2, 3, 4, 5, 6, 7, 8, 9	signUp , login , addAdvertisement , viewAdvertisement , editAdvertisement , removeAdvertisement , editAccount , viewAccount , searchAdvertisement
Controller	1.1.2 , 2.1.1 , 3.1.1 , 4.1.1 , 5.1.1 , 6.1.1 , 7.1.1 , 8.1.1 , 9.1.1	executeSignup , executeLogin , executeAddAd , executeViewAd , executeEditAd , executeRemoveAd , executeEditAccount , executeViewAccount , executeSearchAd.

Physical Entity-Relationship Diagram





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User Interface Design

Screen 1 – Sign in

Easily Buy, Sell,
Exchange Products

SIGN UP

HOME

PRODUCTS

SEARCH

CONTACT US

Name

Password

Send

LOGIN WITH YOUR FACEBOOK ACCOUNT

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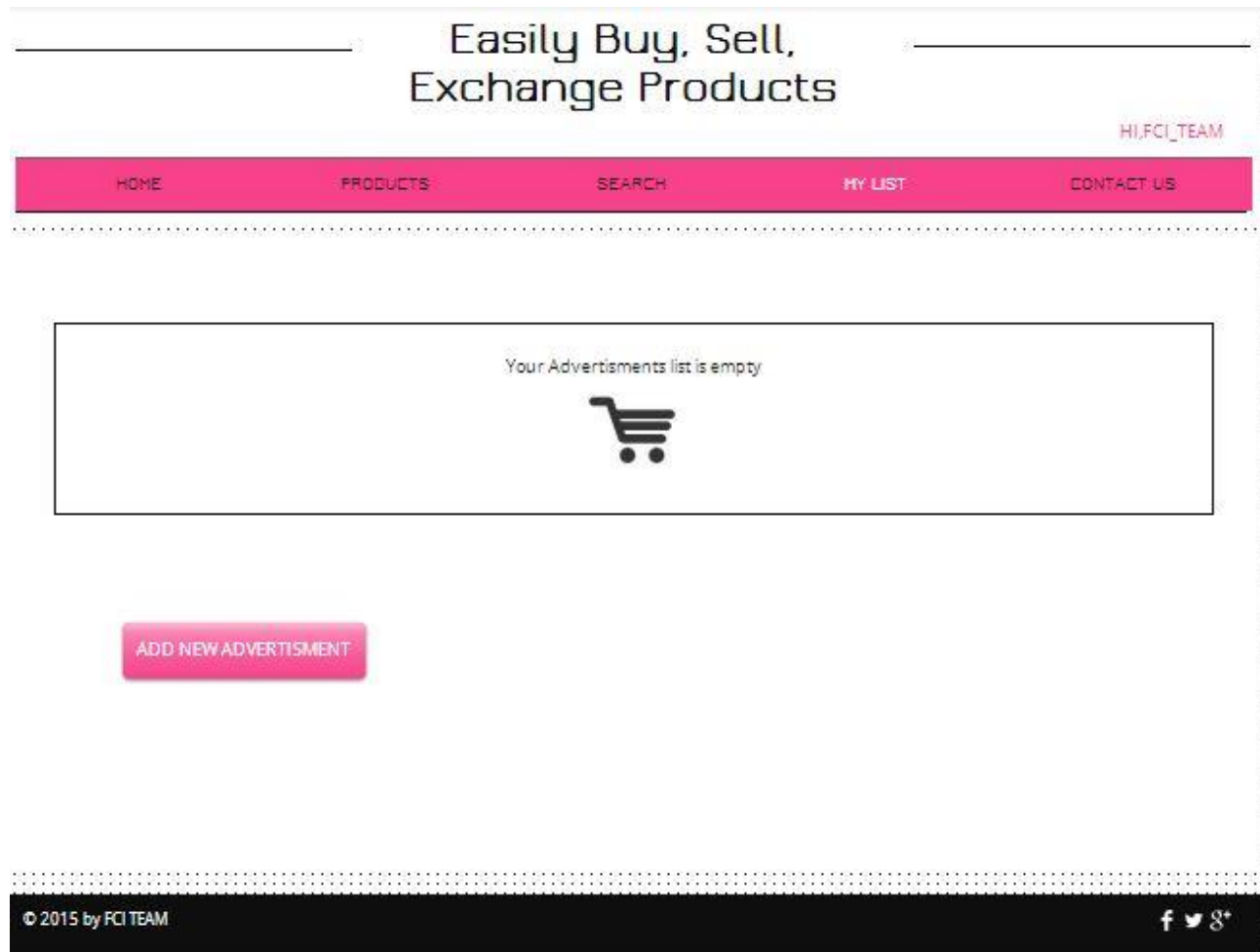


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Screen 2 – My List



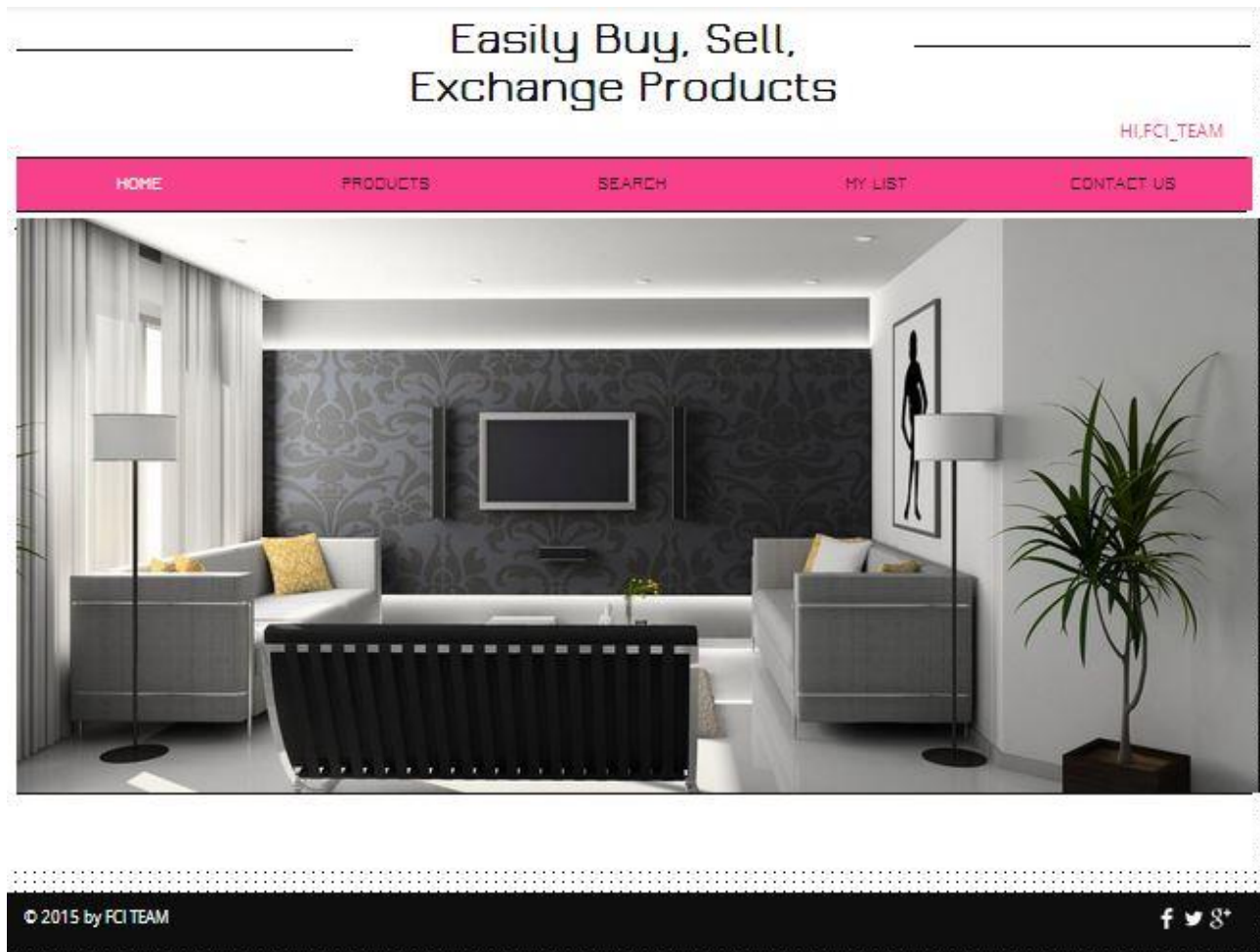


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Screen 3 – Home Page





Screen 4 – Car list

Ownership Report

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Prepared by Eng. Mostafa Saad. Approved by Dr.Mohammad El-Ramly