Phase Two

SOFTWARE ENGIENEERING PROJECT (INTIAL SDD)
TA: ENG. CATHRINE BEDROSSIAN

TEAM LEADER | Amira Gamal

Software Design Specification

Contents

Team:

Software Design Specification

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Document Purpose and Audience

Document purpose: The Initial Software Design Specifications Document.
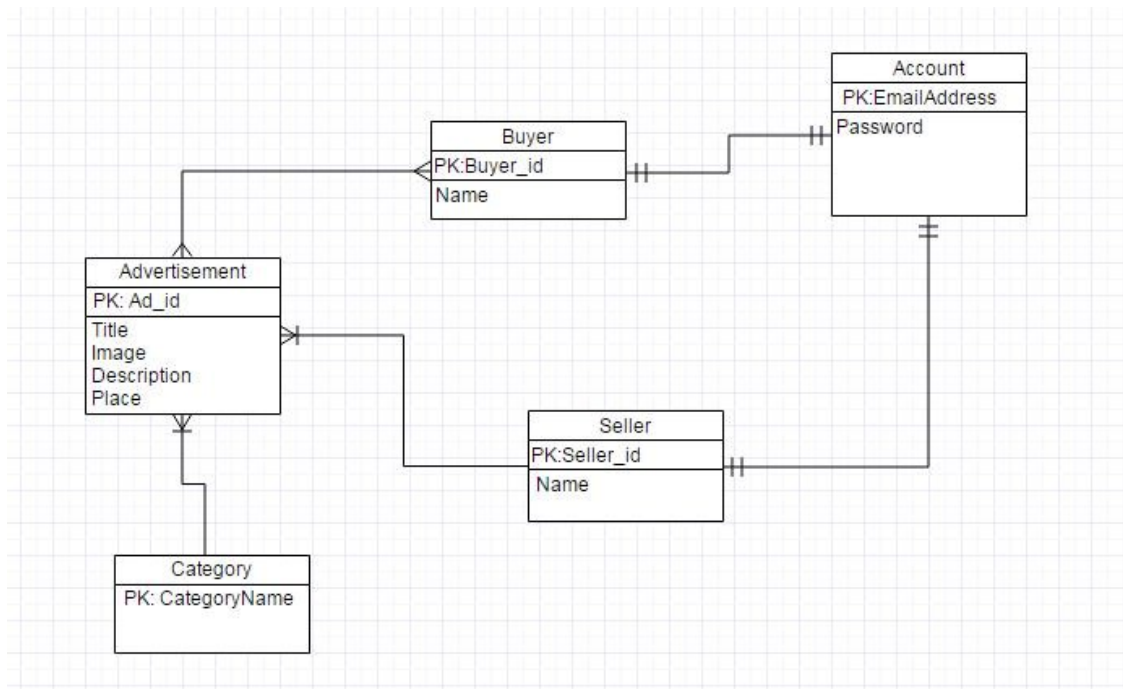Audience: TA/Catharine Bedrossian, Team Developers, Sponsors and tester.

System Models
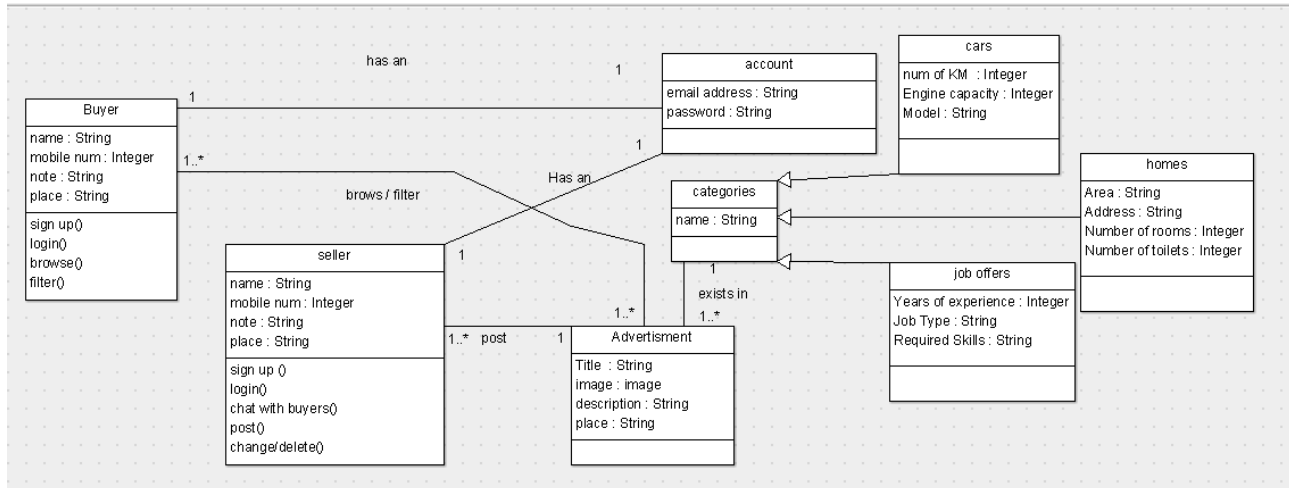
System Decomposition

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Class diagrams

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| Class ID	Class Name	Subsystem ID	Description
1	Buyer	------	This class is for the buyer who want to buy a product from the app.
2	seller	------	This class is for the seller who want to sell a product from the app.
3	Advertisements	------	This class is for the advertisement which contains the things that buyer want to buy and seller want to sell.
4	Categories	------	This class contain the categories that buyer should choose between them.
5	account	------	This class contain the account user should have to make in order to login to the site.
6	cars	------	This class contains one of the products.
7	Job offers	------	This class contains one of the products.
8	homes	------	This class contains one of the products.

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Sequence diagrams
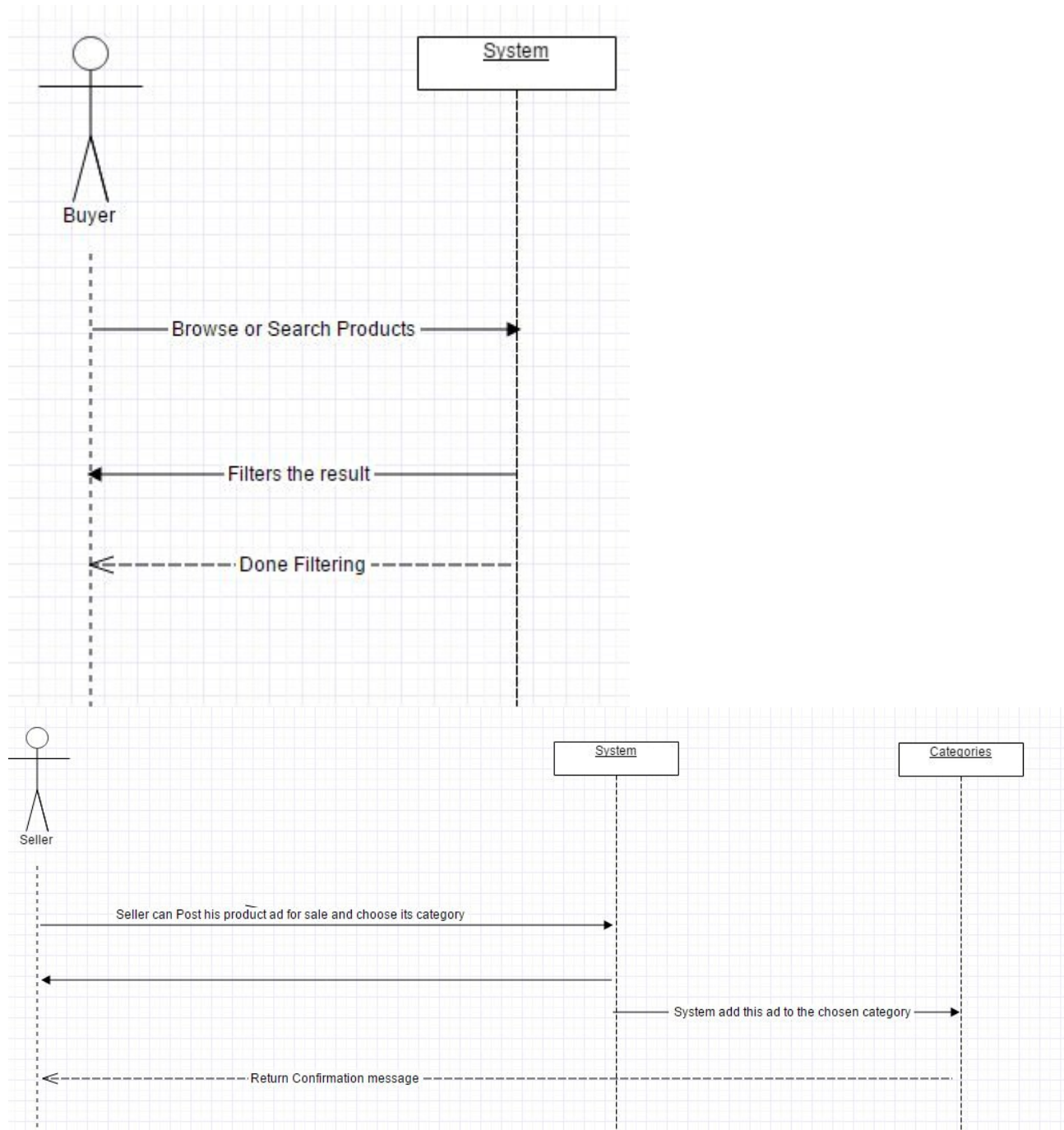
Class - Sequence Usage

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Class name	Sequence diagram	Overall used methods
Buyer.	3(means that sequence 3 used Buyer class).	Message, Actor, Lifeline, Object, Return message.
Seller/Advertisements.	5(means that sequence 5 used Seller class and Advertisements).	Message, Actor, Lifeline, Object, Return message.

Physical Entity-Relationship Diagram
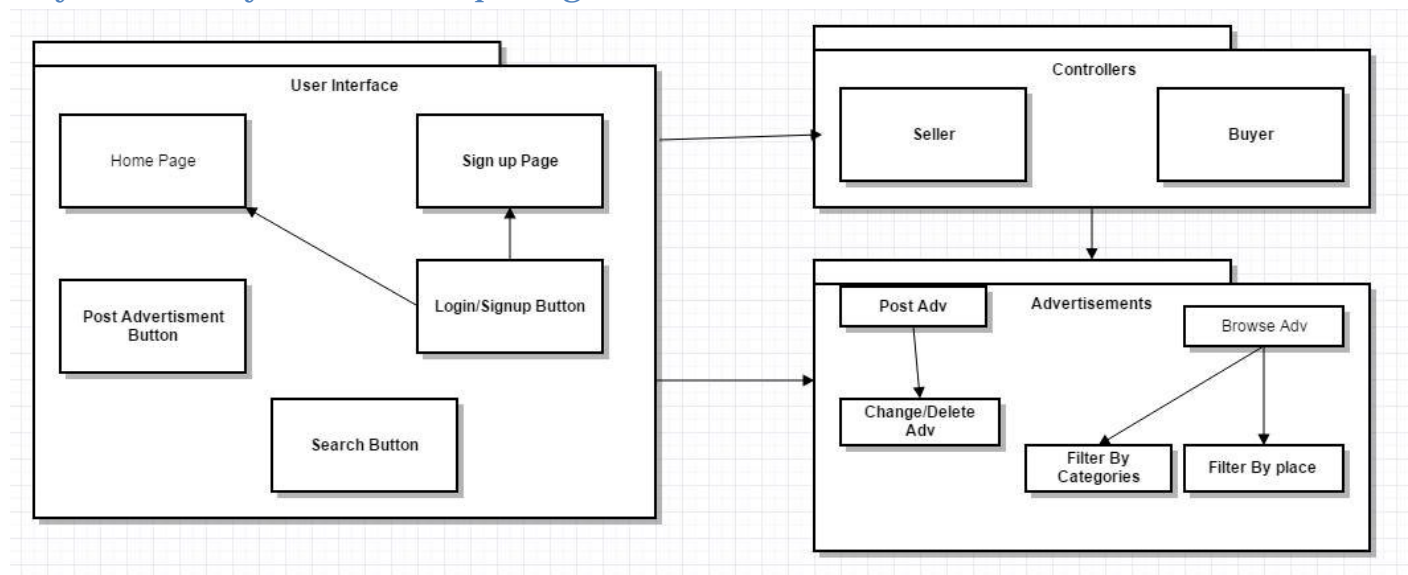
User Interface Design

Screen 1 – Start Page

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Screen 2 – Login Page

Screen 3 – Signup Screen (example)

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Screen 4 – Main Interface (example)

Ownership Report

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Item	Owners
ERD , System Decomposition	Aya Mohamed Ibrahim
Class Diagram	Toka Sobhy
Sequence Diagram	Doaa Magdy
User Interface , Integrating Tasks	Amira Gamal

References
- Argo UML Program
- www.gliffy.com
- www.academic.signavio.com/
- Eclipse JUNO for Android Development

Authors
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