



CS251

# Phase Two

SOFTWARE ENGINEERING PROJECT (INITIAL SDD)  
TA: ENG. CATHRINE BEDROSSIAN

TEAM LEADER | Amira Gamal



CS251: Phase 2 – Team Name

Project: < **EasilyBuySellExchange-G\_IS\_1-2**>

## Software Design Specification

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### Team:



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Project: < **EasilyBuySellExchange-G\_IS\_1-2** >

## 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

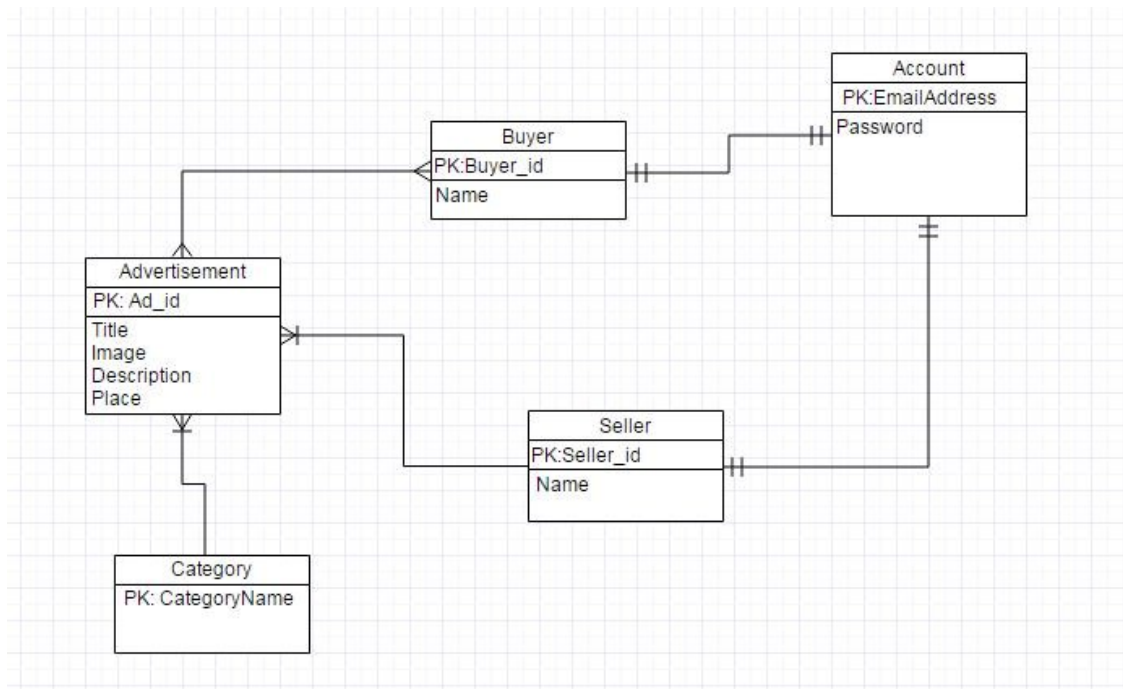
### System Decomposition



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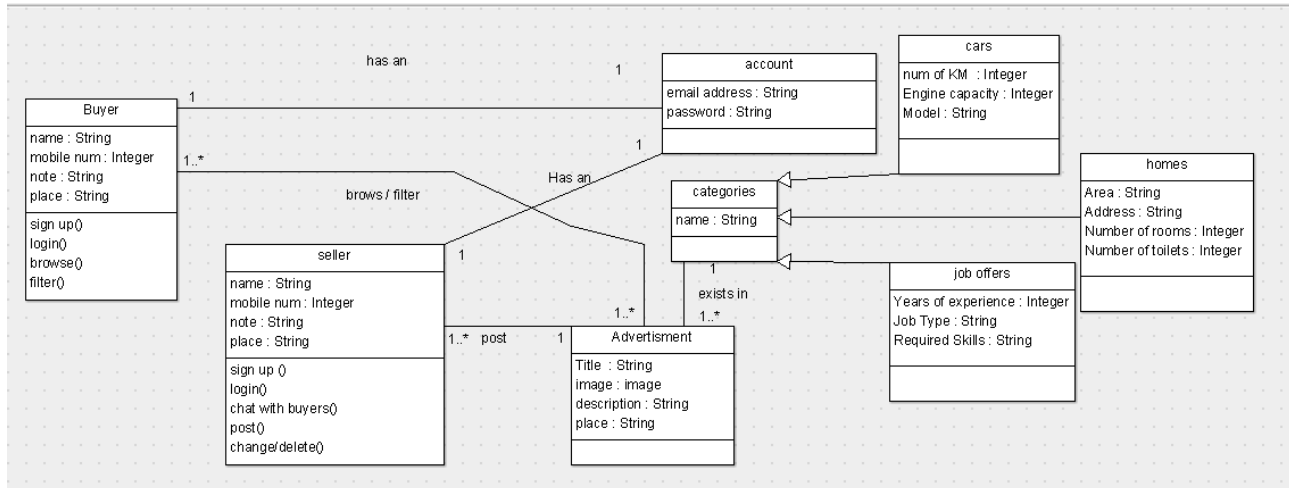
### Class diagrams



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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.

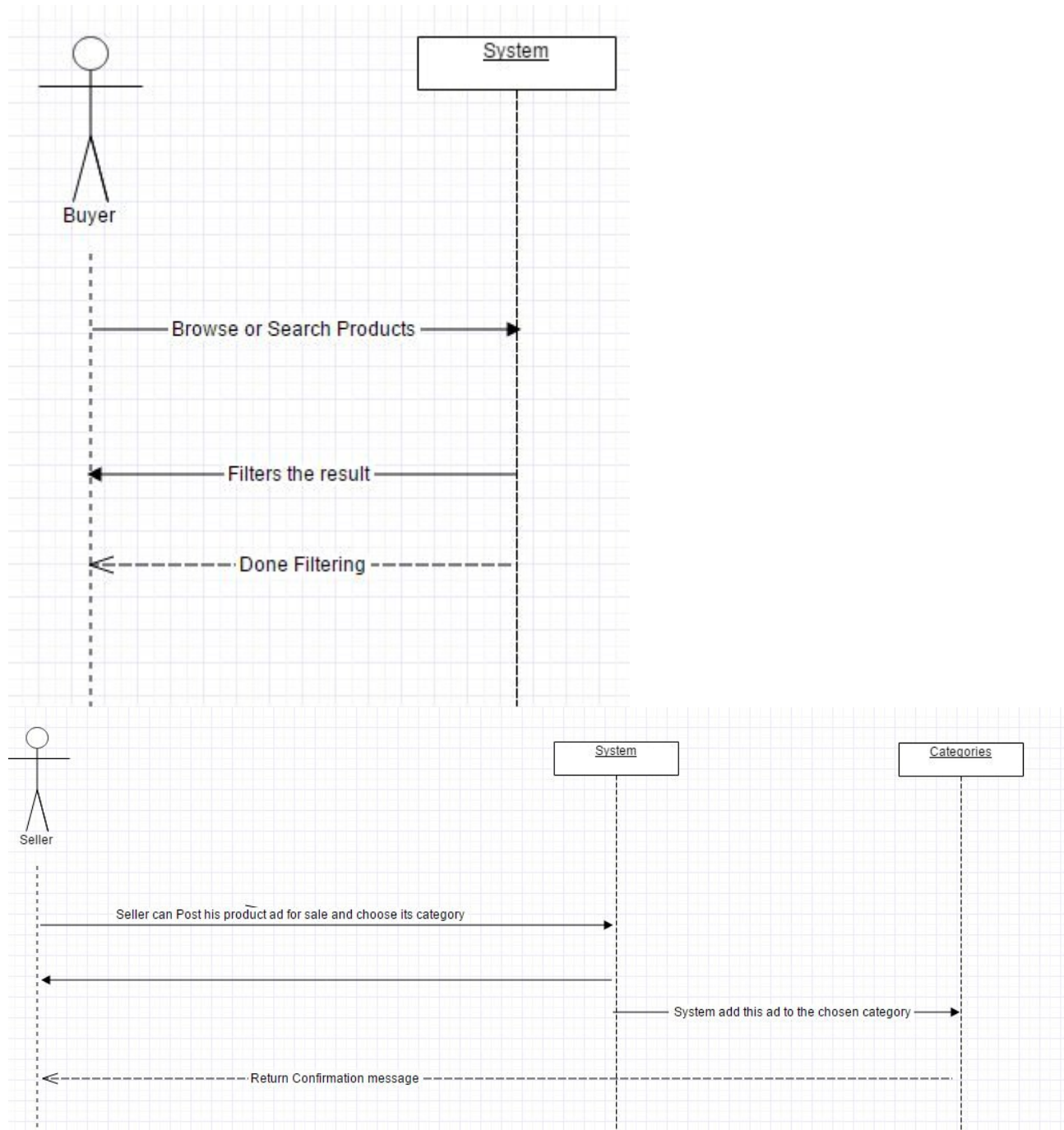


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### Sequence diagrams



### Class - Sequence Usage



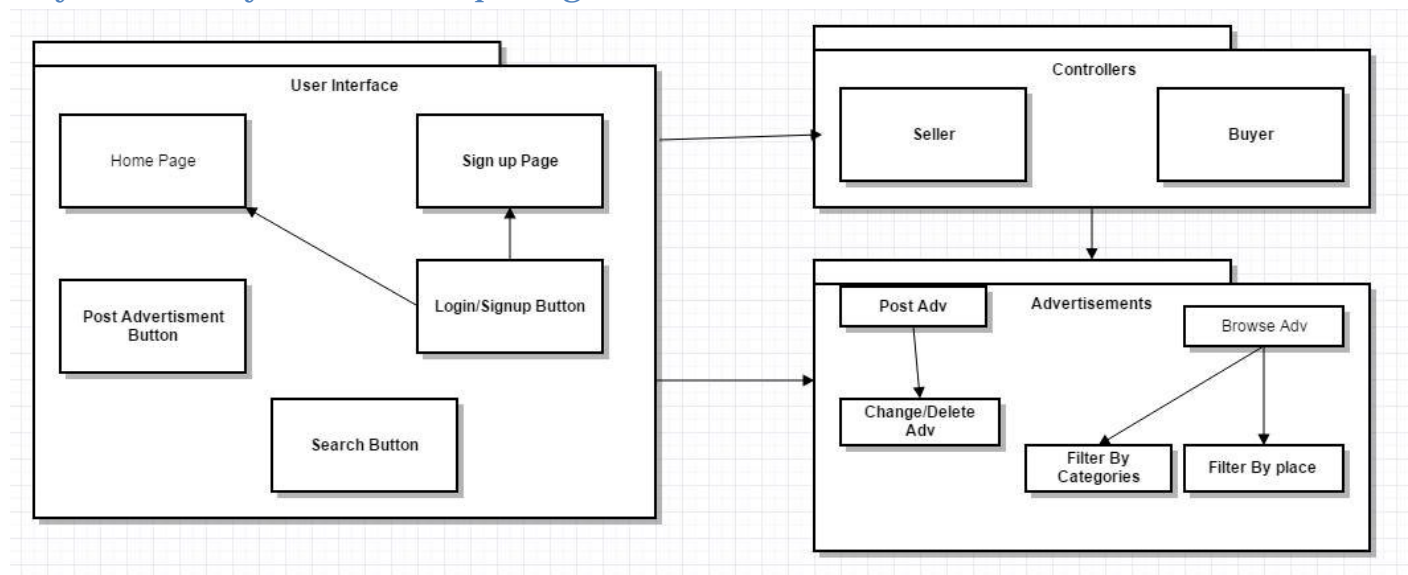
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Class name	Sequence diagram	Overall used methods
Buyer.	3(means that sequence 3 used Buyer class).	Message, Actor, Lifeline, Object, Return message.
Seller/Advertisements.	5(means that sequence 5 used Seller class and Advertisements).	Message, Actor,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

### Physical Entity-Relationship Diagram



### User Interface Design

#### Screen 1 – Start Page

CS251 – CU – FCI – Software Engineering I – 2014 – Software Design Specifications

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



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Screen 2 – Login Page



Screen 3 – Signup Screen (example)





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The screenshot shows a web form for signing up on 'EasilyBuySellExchange'. The form is split into two panels. The left panel contains five input fields: 'First Name', 'Last Name', 'Password', 'Confirm Password', and 'Email'. The right panel contains a 'Gender' section with radio buttons for 'Male' and 'Female', a 'Country' input field, a checkbox labeled 'Confirm Terms Of Privacy', and a 'Sign up' button. Each input field has a small yellow warning icon to its right.

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](http://www.gliffy.com)
- [www.academic.signavio.com/](http://www.academic.signavio.com/)
- Eclipse JUNO for Android Development

### Authors

-Amira Gamal Mohamed