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# Project: KEENON Home

## ✓ Welcome to your new space

Use it to create something wonderful.

### To start, you might want to:

- **Customise this overview** using the **edit icon** at the top right of this page.
- **Create a new page** by clicking the **+** in the space sidebar, then go ahead and fill it with plans, ideas, or anything else your heart desires.



Need inspiration?

- Get a quick intro into what spaces are, and how to best use them at [Confluence 101: organize your work in spaces](#).
- Check out our guide for ideas on how to [set up your space overview](#).
- If starting from a blank space is daunting, try using one of the [space templates instead](#).

## Meeting notes

Error rendering macro 'create-from-template' : Failed to find net.sf.hibernate.Session from the current thread

### Incomplete tasks from meetings

#### Task report

Looking good, no incomplete tasks.



### All meeting notes

Title	Creator	Modified
<a href="#">Team Meeting Week 4.2</a>	Baran Hasan Bozduman	Nov 25, 2020
<a href="#">Team Meeting Week 4.1</a>	Baran Hasan Bozduman	Nov 18, 2020
<a href="#">Team Meeting Week 3.2</a>	Baran Hasan Bozduman	Nov 18, 2020
<a href="#">Team Meeting Week 3.1</a>	Baran Hasan Bozduman	Nov 11, 2020
<a href="#">Team Meeting Week 2.3</a>	Baran Hasan Bozduman	Nov 11, 2020
<a href="#">Team Meeting Week 2.2</a>	Baran Hasan Bozduman	Nov 11, 2020
<a href="#">Team Meeting Week 2.1</a>	Baran Hasan Bozduman	Nov 03, 2020
<a href="#">TEAM MEETINGS</a>	Baran Hasan Bozduman	Nov 01, 2020
<a href="#">Team Meeting Week 1.2</a>	Baran Hasan Bozduman	Nov 01, 2020
<a href="#">Team Meeting Week 1</a>	Baran Hasan Bozduman	Oct 26, 2020

TEAM MEETINGS

[Team Meeting Week 1](#)

[Team Meeting Week 1.2](#)

## Team Meeting Week 1

Date

26 Oct 2020

Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Ali Bahar](#)
- [@ Nevzat Seferoglu](#)

Overview

Since we changed our project idea. Every team member has researched technologies that we are going to use. The first requirements (user and system) have been determined for this project. The language and framework have been decided. The scrum master and product owner have been chose and their tasks have been told. The tasks for this week have been decided and will be assigned.

### Discussion topics

Time	Notes
10.00-10.15	<ul style="list-style-type: none"><li>• The project requirements and user stories has reviewed</li><li>• First use case diagram has created</li></ul>
10.15-10.30	<ul style="list-style-type: none"><li>• The language has been decided python instead of java.</li><li>• The framework has been decided django.</li><li>• The data base has been decided sqlite(which is provided by django).</li></ul>
10.30-10.45	<ul style="list-style-type: none"><li>• Project process has been talked.</li><li>• What tutorials are we used for code development process has been talked</li><li>• What templates are we going to use has been talked</li></ul>
10.45-10.50	<ul style="list-style-type: none"><li>• If we will have time what features can we add has talked</li></ul>
10.50-11.10	<ul style="list-style-type: none"><li>• The scrum master and product owner tasks has been talked. And They have been chose. How we will manage the management process has been talked</li></ul>

Conclusion

- The requirements will be used as determined in requirement pages and they will be published this week. First, we will focus on fundamental requirements. Then time to time Scrum master will update the requirement pages.
- The determined technologies will be used and the first given tutorial at attachments will be completed by each team member until the weekend and we will first start pre-release together at the weekend. Then we will determine new tasks.
- The user interface templates will be taken from providers.
- If we will have more time to handle a real server we will dockerize the project using by docker and publish on the internet otherwise we will use one of our machines as a server.
- [@ Baran Hasan Bozduman](#) has been chose as scrum master and [@ Ceren Gumus](#) has been chose as product owner and time to time we will change our Scrum master and product owners so each team member can gain experience in these subjects.

Next Team Meeting:

31 Oct 2020

[@ Nevzat Seferoglu](#) [@ Ali Bahar](#) [@ Ceren Gumus](#) [@ Baran Hasan Bozduman](#)

Attachments:

Tutorial1:

<https://youtu.be/F5mRW0jo-U4>

Tutorial2:

<http://youtube.com/playlist?list=PL-osiE80TeTtoQCKZ03TU5fNfx2UY6U4p&feature=share>

## Team Meeting Week 1.2

### Date

30 Oct 2020

### Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ali Bahar](#)
- [@ Ceren Gumus](#)
- [@ Nevzat Seferoglu](#)

### Overview

The team members have checked about the task which has given for this week. Requirements has discussed in detail. The tasks for this week has determined. The pre-release for code has postponed.

### Discussion topics

Time	Notes
20.00 - 20.40	<ul style="list-style-type: none"><li>• Requirements has been detailed.</li><li>• Product Requirements has been reviewed one by one.</li><li>• <a href="#">Product requirements</a></li><li>• Product owner tasks has been reviewed.</li></ul>
20.40 - 21.15	<ul style="list-style-type: none"><li>• Requirements and diagram contents has been talked.</li><li>• What requirement tasks will be given as tasks has been determined.</li></ul>
21.15 - 21.30	<ul style="list-style-type: none"><li>• Requirements and diagrams has been distributed.</li></ul>

### Conclusion

- Product requirements [Product requirements](#) need to be detailed as advised software book so each requirements has been talked again and fundamental requirements which is given link has been examined.
- Each team member can change the product requirements after brief their idea.
- Product owner will create backlog for the user stories in given format other than which has been created last week. [@ Ceren Gumus](#)
- The code pre-lease postponed because we decided to do paper works firstly like detailing requirements and diagrams.
- The tasks has been created and i has added to backlog in this week it will be assigned with other tasks
- Use case Diagram-System Requirements=====> [@ Nevzat Seferoglu](#)
- Functional Requirements-Non-Functional Requirements=====> [@ Ceren Gumus](#)
- Module Diagram-User Requirements=====> [@ Ali Bahar](#)
- Feasibility Analysis-Canvas model/swot Analysis=====> [@ Baran Hasan Bozduman](#)
- To create accurate sequential and UML diagram it has been postponed to after pre-releasing the code.

### Next Team Meeting

02 Nov 2020

[@ Nevzat Seferoglu](#) [@ Ali Bahar](#) [@ Ceren Gumus](#) [@ Baran Hasan Bozduman](#)

### Next Team Meeting

02 Nov 2020

## Team Meeting Week 2.1

Date

02 Nov 2020

Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Nevzat Seferoglu](#)
- [@ Ali Bahar](#)

Overview

Before the meeting product owner and scrum master( [@ Ceren Gumus](#) [@ Baran Hasan Bozduman](#) ) talked about sprint review and prepared the report [KEON Sprint 1 Retrospective Week 1](#) .

At Team meeting weekly progress has been evaluated.Test tools and unit testing has been talked.Then class structures has been talked. What fields will be include model and class relationships has been talked.Database structure has been talked. Github file organization has been talked

Discussion topics

Time	Notes
19.00 - 19.30	<ul style="list-style-type: none"><li>• Weekly report has been evaluated and talked about sprint how was it time enough for last sprint.</li><li>• Selenium and python related test tools has been decided.</li></ul>
19.30 - 20.00	<ul style="list-style-type: none"><li>• General model/class structure has been determined. It will be pushed to Jira with uml diagrams and database diagrams.</li><li>• Database structure has been talked and We decided after using proper class structure django handles database itself.</li></ul>
20.00 - 20.15	<ul style="list-style-type: none"><li>• Github order has been talked.</li></ul>

Conclusion

- Since there is not much coding tasks this week handled well by each team member. There have not been late for any tasks.
- Next sprint will be about preparing documents since the determined by last meeting notes.
- [Team Meeting Week 1.2](#)
- For the test tools selenium library will be used because its compatible for web app tests well.
- For unit tests one of the unit tests will be determined which is written in python.
- Test cases will be added by each team member to [Test Cases](#) file.
- Database structure has been talked and [@ Ceren Gumus](#) gave brief about database structures for sql.
- Github has file order has been talked and we decided there will be som folders for project,documents, test units and manual.

Next Team Meeting

Next meeting will be order according to given poll which is in attachment and probably until weekend other meetings will be made separately .

Attachment:

+

NOV 02 MON				NOV 03 TUE				NOV 04 WED				NOV 05 THU				NOV 06 FRI				NOV 07 SAT				
9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	9.00-12.00	12.00-15.00	15.00-18.00	18.00-21.00	
Ali Bahar	✓	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Baran Bozduman	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	○	✗	○	○	✗	○	✓	✓	✓	✓	✓	✓	✓
Ceren gumus	✗	✗	✗	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓
Nevzat Seferoglu	✓	✗	✓	✗	✓	✓	✓	✗	✗	○	○	○	✗	✗	✗	✗	✓	✓	✓	✓	✓	○	✗	
Please vote: ○ Yes, ○ No, ○ Maybe	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Your name	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Save

3 0 3 3 3 3 0 3 0 0 0 1 0 1 3 2 3 3 4 4 3 3

## Team Meeting Week 2.2

### Date

07 Nov 2020

### Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Nevzat Seferoglu](#)
- [@ Ali Bahar](#)

### Overview

After we have talked about requirements, we assign tasks about preparing detailed requirements so we have talked about this. To prepare rest of documents the times has determined. What front-end we will use has been discussed.

### Discussion topics

Time	Notes
11.00-11.20	<ul style="list-style-type: none"><li>• The documents has been reviewed with team members</li><li>• Inadequacies of the documents has been determined</li></ul>
11.20-11.35	<ul style="list-style-type: none"><li>• The front-end has been talked (how we will progress)</li></ul>

### Conclusion

- Some documents can be changed before the presentation but they are enough for now.
- Documents can be connect each other via links so it can be interactive.
- As we decide for the front end we will use templates which are on the internet but since our system will be different from them we decide to use them part by part such as taking different pages from different templates.
- Even we get front-end templates on the internet probably we will need to assign someone for front-end because since they are complex structures there should be at least a person who is responsible for front-end.
- There are some example websites to take templates.

### Next Meeting

08 Nov 2020

- [@ Nevzat Seferoglu](#)
- [@ Ali Bahar](#)
- [@ Ceren Gumus](#)
- [@ Baran Hasan Bozduman](#)

### Attachments:

<https://colorlib.com/wp/templates/>

<https://templatemo.com>

## Team Meeting Week 2.3

### Date

08 Nov 2020

### Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Ali Bahar](#)
- [@ Nevzat Seferoglu](#)

## Overview

First code has been initialized with all team members.

## Discussion topics

Time	Notes
12.00-13.30	<ul style="list-style-type: none"><li>We started to code via by sharing screen.</li></ul>

## Conclusion

- Virtual environment has been created to run server on it.
- First html files has been created.
- First app has been initialized which is store app
- From now on we will fork the project and continue on this after we done we will merge them with branches.
- In this week we will assign the tasks which is prepared in backlog. And we will gather steam until first presentation.

## Next Team Meeting:

10 Nov 2020

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gumas **@ Baran Hasan Bozduman**

## Team Meeting Week 3.1

Date

10 Nov 2020

Participants

- @ Baran Hasan Bozduman**
- @ Ceren Gumas
- @ Ali Bahar
- @ Nevzat Seferoglu

## Overview

The cocomo analysis has been talked and the software requirements has been decided and the questionarie has been filled.

## Discussion topics

Time	Notes
8.00 - 8.15	<ul style="list-style-type: none"><li>Project mode and Product attributes has been talked</li></ul>
8.15 - 8.30	<ul style="list-style-type: none"><li>Computer attributes has been talked</li></ul>
8.30-8.45	<ul style="list-style-type: none"><li>Personnel attributes has been talked</li></ul>
8.45-8.55	<ul style="list-style-type: none"><li>Project attributes has been talked</li></ul>
8.55 - 9.10	<ul style="list-style-type: none"><li>New values has been talked</li></ul>
9.10-9.30	<ul style="list-style-type: none"><li>Last week has been reviewed</li></ul>

## Conclusion

- The cocomo questionary has been filled one by one since we did not do that kind of stuff before so it took some time
- You can see our analysis here: [Cocomo Analysis](#)
- Last week all team members have done great job but we have to progress on code immediately so we will be meet again and we will assign tasks to people to go fast

## Next Team Meeting:

12 Nov 2020

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gumas @ Baran Hasan Bozduman

## Team Meeting Week 3.2

### Date

12 Nov 2020

### Participants

- @ Baran Hasan Bozduman
- @ Ceren Gumas
- @ Ali Bahar
- @ Nevzat Seferoglu

### Overview

We talked about where can we find frontend templates and everyone will research about it until sunday we talked about tasks what can we give as tasks specifically.

### Discussion topics

Time	Notes
20.00 - 20.30	<ul style="list-style-type: none"><li>• Discussed about front end templates.</li><li>• How can we handle front end.</li><li>• What kind of front end templates we are looking for.</li></ul>
20.30 -20.45	<ul style="list-style-type: none"><li>• New tasks has determined.</li></ul>

### Conclusion

- Until next meeting everyone will research about templates.
- We need buyer and seller in same system so we will look for proper templates.
- We decided last meeting that we will assign front end a person but it can make complex the jobs so everyone will be responsible for front end of his/her part.
- The checkout and cart pages will be designed as dummy by @ Nevzat Seferoglu and @ Ali Bahar
- Uml diagram will be designed by @ Ceren Gumas and @ Baran Hasan Bozduman
- These tasks will be added to the sprint.

### Next Team Meeting:

15 Nov 2020

• @ Baran Hasan Bozduman @ Ceren Gumas @ Ali Bahar @ Nevzat Seferoglu

## Team Meeting Week 3.3

### Date

15 Nov 2020

### Participants

- @ Baran Hasan Bozduman
- @ Ceren Gumas
- @ Ali Bahar
- @ Nevzat Seferoglu

### Overview

The front end has been determined. The new tasks have been discussed. UML class diagram and classes relationships have been discussed.

### Discussion topics

Time	Notes
18.00 - 19.30	<ul style="list-style-type: none"><li>• Classes and their data fields have been talked one by one.</li><li>• Their relationships or inadequateness have been discussed</li></ul>
19.30 - 19.45	<ul style="list-style-type: none"><li>• According to class diagrams new tasks have been determined and assigned</li></ul>
19.45 - 20.00	<ul style="list-style-type: none"><li>• Front-end has been determined</li></ul>

### Conclusion

- Every team member will take the class diagrams and requirement pages as reference when they are coding.
- For now the models/classes data fields will be as indicated in uml diagram [UML-Class Diagram](#)
- The tasks will be assigned this week and

@ Ali Bahar will be responsible for <https://rapids0ft.atlassian.net/browse/KEENON2020-64>

@ Nevzat Seferoglu will be responsible for <https://rapids0ft.atlassian.net/browse/KEENON2020-66>

@ Ceren Gumus will be responsible for <https://rapids0ft.atlassian.net/browse/KEENON2020-67>

@ Baran Hasan Bozduman will be responsible for <https://rapids0ft.atlassian.net/browse/KEENON2020-65>

- [https://www.youtube.com/watch?v=yQimqo0-7g&list=PLjwm\\_8O3suyM\\_2Lo9aAlw3HqjOPor8j9g](https://www.youtube.com/watch?v=yQimqo0-7g&list=PLjwm_8O3suyM_2Lo9aAlw3HqjOPor8j9g) the link will be used as frontend and if there is not kind of page that the team member designed he/she will be create or find proper page for it.

### Next Team Meeting:

17 Nov 2020

- @ Baran Hasan Bozduman @ Ceren Gumus @ Ali Bahar @ Nevzat Seferoglu

### Team Meeting Week 4.1

Date

17 Nov 2020

Participants

- @ Baran Hasan Bozduman
- @ Ceren Gumus
- @ Ali Bahar
- @ Nevzat Seferoglu

Overview

The project road map has been talked. Weekly report has been talked. Since the first presentation will be next week, we talked what we should do until first presentation. We talked that how should we run server.

### Discussion topics

Time	Notes
7.00 - 7.15	<ul style="list-style-type: none"><li>• weekly report is there any wrong with this week</li></ul>
7.15 - 7.30	<ul style="list-style-type: none"><li>• Road map has been talked again</li></ul>

7.30-7.45	<ul style="list-style-type: none"> <li>• What can we do until presentation</li> </ul>
8.45-8.55	<ul style="list-style-type: none"> <li>• How we should deploy our server</li> </ul>

#### Conclusion

- For this week there was not any problem to declare teacher everything is going well
- We talked we should finish the coding part until second presentation may be a week after second presentation
- We can prepare diagrams to tell our system and we should also code as we can until first presentation. we considered about in two week we will finish the basic operations in web site.
- If we have time we will deploy it in amazon servers but if we do not have, for know we are planning to use python anywhere website to deploy our app

Next Team Meeting:

19 Nov 2020

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gumas @ Baran Hasan Bozduman

### Team Meeting Week 4.2

#### Date

19 Nov 2020

#### Participants

- @ Baran Hasan Bozduman
- @ Ceren Gumas
- @ Ali Bahar
- @ Nevzat Seferoglu

#### Overview

What can we do until the presentation has been reviewed. Fundamental front end pages has been determined and will be done until next week

#### Discussion topics

Time	Notes
18.00 - 18.15	<ul style="list-style-type: none"> <li>• what can we show for the presentation has been determined</li> </ul>
18.15 - 18.30	<ul style="list-style-type: none"> <li>• Front end pages have determined and gave as tasks to team members</li> </ul>

#### Conclusion

- The next week basic pages will showed and

Home Page and Login-Register Page @ Ali Bahar

Cart Page User Interface @ Baran Hasan Bozduman

Checkout Page @ Nevzat Seferoglu

Test tool research and add to cart activity Store page @ Ceren Gumas

#### Next Team Meeting:

21 Nov 2020

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gumas @ Baran Hasan Bozduman

## Team Meeting Week 4.3

### Date

19 Nov 2020

### Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Ali Bahar](#)
- [@ Nevzat Seferoglu](#)

### Overview

Everyone has showed their interfaces and what can we change has been talked.

### Discussion topics

Time	Notes
20.00 - 20.15	<ul style="list-style-type: none"><li>• Each team member present their pages</li></ul>
20.15 - 20.30	<ul style="list-style-type: none"><li>• What can we change has been talked</li></ul>

### Conclusion

- Each team member completed their tasks
- We will use as main theme the home page theme which is created by [@ Ali Bahar](#)
- This week the pages will merged until presentation And a report will be created by [@ Baran Hasan Bozduman](#) and will reviewed in the next meeting

### Next Team Meeting:

23 Nov 2020

[@ Nevzat Seferoglu](#) [@ Ali Bahar](#) [@ Ceren Gumus](#) [@ Baran Hasan Bozduman](#)

## Team Meeting Week 5.1

### Date

23 Nov 2020

### Participants

- [@ Baran Hasan Bozduman](#)
- [@ Ceren Gumus](#)
- [@ Ali Bahar](#)
- [@ Nevzat Seferoglu](#)

### Overview

We tried to merge pages and deploy it on pythonanywhere, We tried to solve front end page problems.

### Discussion topics

Time	Notes
20.00 - 22.00	<ul style="list-style-type: none"> <li>• We tried to merge pages</li> </ul>
22.00 - 22.15	<ul style="list-style-type: none"> <li>• the report documentation has been reviewed</li> </ul>

#### Conclusion

- Although the merging pages took so much time still we can not do what we want to do
- There are some problems with appearance of pages.
- The report has been determined and has approved by each team member.

Next Team Meeting:

25 Nov 2020

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gümüş @ Baran Hasan Bozduman

## Team Meeting Week 5.2

#### Date

22 Nov 2020

#### Participants

- @ Baran Hasan Bozduman
- @ Ceren Gümüş
- @ Ali Bahar
- @ Nevzat Seferoglu

#### Overview

We talked about process of project. We add some models to our project.

#### Discussion topics

Time	Notes
11.00-11.15	<ul style="list-style-type: none"> <li>• We talked about process of project and how we will manage it.</li> </ul>
11.15 - 11.30	<ul style="list-style-type: none"> <li>• The models have been explained</li> </ul>

#### Conclusion

- We talked about last presentation and what can we do better
- We should use more actively the git-hub and it should be more neat
- We talked about models that have been created and we will continue with that and for each person they will change related parts of it according to their requirements. Now we can add and delete models from admin page but we should make it dynamically.
- Still we have time to complete sprint so everyone should interest with their tasks and they should not forget to move them into progress and to do parts.
- The code have been merged will be pushed in this week until the meeting with lecturer.

Next Team Meeting:

03 Dec 2020(?)

@ Nevzat Seferoglu @ Ali Bahar @ Ceren Gümüş @ Baran Hasan Bozduman

#### Retrospectives

Error rendering macro 'create-from-template' : Failed to find net.sf.hibernate.Session from the current thread

Title	Date	Participants

KEON Sprint 2 Retrospective - Week 2	07 Nov 2020	<a href="#">@ Baran Hasan Bozduman</a>	<a href="#">@ Ceren Gumus</a>
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KEON Sprint 1 Retrospective Week 1	31 Oct 2020	<a href="#">@ Baran Hasan Bozduman</a>	<a href="#">@ Ceren Gumus</a>
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## KEON Sprint 1 Retrospective Week 1

Date	31 Oct 2020
Team	Keen-On
Participants	<a href="#">@ Baran Hasan Bozduman</a> <a href="#">@ Ceren Gumus</a>

### Background

We passed a week and a sprint which is 4 5 days every one has completed their tasks, some members of team could not get used to Jira so we have given a brief to them about usage of Jira for this week we have not much tasks other than research and tutorials.

For each team member we specified almost 3 4 hours tutorials other than researching test tools and think about code structure. All team member made good job. we created 4 or 5 days sprint for it.

Lemye Ceren Gumus: She completed the tutorial and gave feed back to us about database structure.

Nevzat Seferoglu: He completed the tutorial and gave feed back to us about what way can we follow about frontend.

Ali Bahar:He completed tutorials and also give some brief about github.

Me:I watched tutorials and created document drafts for jira.

Generally all team member have done good job also we do not have so many tasks to do this week. It passed more like detailing requirements.

### Retrospective

Start doing	Stop doing	Keep doing
<ul style="list-style-type: none"> <li>• More team meetings</li> <li>• proper hours for deadlines</li> </ul>	<ul style="list-style-type: none"> <li>• Put deadlines in the morning</li> </ul>	<ul style="list-style-type: none"> <li>• Making research before each meeting</li> </ul>

## KEON Sprint 2 Retrospective - Week 2

Date	07 Nov 2020
Team	RapidSoft
Participants	<a href="#">@ Baran Hasan Bozduman</a> <a href="#">@ Ceren Gumus</a>

### Background

For these week we create documents for project, which has indicated last week, Generally all team members are doing good.

CerenGumus: has created the functional and non functional documents they are enough for now, may be we can detail it later.

AliBahar: has created user requirements and module diagram it was also enough may be we can connect them with system requirements if its necessity.

Nevzat Seferoglu:has created detailed use case diagram and system requirements, probably we wont change use case diagram at least until first presentation.

Me:has prepared feasibility analysis and business canvas model which are also necessity as indicated in given software book.  
we have almost 5 days to complete above tasks and every team member completed them on time

### Retrospective

Start doing	Stop doing	Keep doing
<ul style="list-style-type: none"> <li>• Giving coding tasks</li> <li>• Arranging meetings in a time schedule</li> </ul>	<ul style="list-style-type: none"> <li>• Preparing documentation until 1 week before first presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Giving appropriate time for tasks</li> </ul>

# Weekly Reports

## Weekly Report 1 (16-23/December)

Members/days	time/h	Wednesday	h	Thursday	h	Friday	h	Saturday	h	Sunday	h	Monday	h	Tuesday
@ Ali Bahar	6.5						1.5	login and register operations	1.5h	learn many to many database model	3.5h	Creating sprint and arranging tasks, merging userpage and login register page( @ Baran Hasan Bozduman )		
Notes														
@ Ceren Gumer	7.5h		1h	product page design and implementation -to show product details page ,I designed the modal form.	2h	I tried to show it on the product details page by getting the product information from the database. This side needs to be developed.	3h	For checkout page, I worked on the automatic mail system so that the seller can sell their products and the Buyer can buy the products on the web page.	1.5h	Creating branch on GitHub and modifying branch files for update store checkout and cart pages				
Notes														
@ Nevzat Seferoglu			1		1.5h	testing whether given views source match with given urls source path			1.5	• checking given urls whether responding or not. • learn something about password encoding on database side			1.5h	seperating different tests into its own test files.
Notes														
@ Baran Hasan Bozduman	0.5	creating branch on GitHub and modifying branch files for update user information	2.5h	Add product activity without product image				2.5h	modifying customer model and arranging forms, adding image to user profile and adding product	3.5h	Creating sprint and arranging tasks, merging userpage and login register page( @ Ali Bahar )			
Notes														
Team Meeting			1h				1h							

## Weekly Report 2 (23-30/December)

Members/days	Total Time /h	h	Wednesday	h	Thursday	h	Friday	h	Saturday	h	Sunday	h	Monday	h	Tuesday
@ Ali Bahar															
Notes															
@ Ceren Gumer															
Notes															
@ Nevzat Seferoglu															
Notes															
@ Baran Hasan Bozduman															
Notes															
Team Meeting															

## Cocomo Analysis

Note that the buttons below can be clicked for more (popup) information. [More instructions below.](#)

### Product Attributes

VL  L  N  H  VH  XH : **Required Reliability**

VL  L  N  H  VH  XH : **Database Size**

VL  L  N  H  VH  XH : **Product Complexity**

### Computer Attributes

VL  L  N  H  VH  XH : **Execution Time Constraint**

VL  L  N  H  VH  XH : **Main Storage Constraint**

VL  L  N  H  VH  XH : **Platform Volatility**

VL  L  N  H  VH  XH : **Computer Turnaround Time**

### Personnel Attributes

VL  L  N  H  VH  XH : **Analyst Capability**

VL  L  N  H  VH  XH : **Applications Experience**

VL  L  N  H  VH  XH : **Programmer Capability**

VL  L  N  H  VH  XH : **Platform Experience**

VL  L  N  H  VH  XH : **Programming Language and Tool Experience**

### Project Attributes

VL  L  N  H  VH  XH : **Modern Programming Practices**

VL  L  N  H  VH  XH : **Use of Software Tools**

VL  L  N  H  VH  XH : **Required Development Schedule**

### New (Values are probably wrong)

VL  L  N  H  VH  XH : **Required reusability**

VL  L  N  H  VH  XH : **Documentation match to life-cycle needs**

VL  L  N  H  VH  XH : **Personnel continuity**

VL  L  N  H  VH  XH : **Multisite development**

Keen on Estimate 1000 or more than line of code

Required reliability: Our website is kind of e-commerce site so we need to high reliability.

Database size: There is no limit for registering the users. everyone can register to site so database size should be extra high.

Product Complexity: Complexity is not too much so we can say the complexity of our site is nominal.

Execution time constraint: This site always can be reachable so execution time constraint should be extra high.

Main storage constraint: we are just keep the users information and products information so we need just nominal main storage constraint.

Platform Volatility: We do not make major changes generally after deploy our web site. It will be minor changes but major changes will be once at 6 months.

Computer Turnaround Time: we assume that is for the development and user communication about system since we are small group of people we can not do that interactively so at most we need 4 hours to give response.

Analyst Capability: Totally at least %75 of people in our team will be responsible for integration analysis. so we can say that will be high option

Applications Experience: since we do not experience these kind of things from beginning of university. we only have at most 4 months experience.

Programmer Capability: We do not wanna be assertive but every team member are have good capability I think. So we determine this as nominal.

Personnel Attributes Platform experience:

Each member of our group is knowledgeable and experienced about the platforms to be used.

Personnel Attributes Programming Language and tool experience:-high

For the Django platform and python programming language, members of our group have an average of 4 months or less of experience.-low

Project Attributes/Modern Programming Practices:

We will use incremental development model so this specific practices is general use -high

Project Attributes/use of software tools:

We use tools such as database management system, interactive source editor-nominal

Project Attributes/Required development schedule:

with respect to a nominal schedule for a project requiring a given amount of effort

New/Required re-usability: Project code can just be used in specific product only.

New/Documentation match to life-cycle needs: Documentation part considered to be nominal and it will be enough for the team member of the project and the others that examine the project.

New/Personnel continuity: There will not be any changing on the employee side. It is written as open source project. Anyone can contribute and review the source code at the end.

New/Multi-site development: There will be several sites according to user and team demand.

COCOMO RESULTS for KeenOn®								
MODE	"A" variable	"B" variable	"C" variable	"D" variable	KLOC	EFFORT, (in person-months)	DURATION, (in months)	STAFFING, (recommended)
organic	4.025540540194663	1.05	2.5	0.38	1.000	4.026	4.244	0.949

Explanation: The coefficients are set according to the project mode selected on the previous page, (as per Boehm). Note: the decimal separator is a period.

The final estimates are determined in the following manner:

**effort** =  $a \cdot KLOC^b$ , in person-months, with KLOC = lines of code, (in thousands), and:

**staffing** = effort/duration

where a has been adjusted by the factors:

Product Attributes	
Required Reliability	1.15 (H )
Database Size	1.16 (XH)
Product Complexity	1.00 (N )
Computer Attributes	
Execution Time Constraint	1.66 (XH)
Main Storage Constraint	1.06 (H )
Platform Volatility	1.00 (N )
Computer Turnaround Time	1.00 (N )
Personnel Attributes	
Analyst Capability	0.86 (H )
Applications Experience	1.29 (VL)
Programmer Capability	0.70 (VH)
Platform Experience	0.90 (H )
Programming Language and Tool Experience	1.07 (L )
Project Attributes	
Modern Programming Practices	0.91 (H )
Use of Software Tools	1.00 (N )
Required Development Schedule	1.00 (N )
New (Values are probably wrong)	
Required reusability	1.00 (N )
Documentation match to life-cycle needs	1.00 (N )
Personnel continuity	1.00 (N )
Multisite development	1.05 (H )

For further reading, see Boehm, "Software Engineering Economics"

As a result we think we chose correct project for given lecture Duration will be 4 months and may be a bit more which is long as a term.Also number of people in our team will provides as number of people which is given in results. We estimated 1000 lines of code but may be it can be more than that because of our framework default functions libraries etc.

# Project Road Map

## Team mission

Creating an e-commerce website with using software engineering techniques

## Project information

- Business Analysis
- Product requirements
- User Requirements
- Software-System-Requirement
- Functionalities and Non - Functionalities Requirements
- Project Diagrams

## Road Map overview

We basically create a road map by deciding the steps of creating a software. General steps are below.

## Detailed quarterly roadmap

### Product requirements

For detailed system requirements like which has high importance you can check the product requirements

### Business Analysis

#### Feasibility Analysis

- Feasibility analysis is the process of determining whether a business idea is viable.
- It is the preliminary evaluation of a business idea, conducted for the purpose of determining whether the idea is worth pursuing.

To create a proper feasibility analysis we should examine them in four titles

- Product/Service Feasibility
- Industry/Target Market Feasibility
- Organizational Feasibility
- Financial Feasibility

If we come our product which is given link below:

#### User Requirements

#### Product/Service Feasibility Analysis

- Product/Service Desirability

Our product is reasonable and we suppose the most of people who are interested in with any hobby wanna gain money from their hobbies.

It will take advantage from pandemic because most of people since they spend more time at their homes. They started new hobbies and other internet users started to search about how they can gain money from home and nowadays the e commerce websites did not affected from pandemic. They started gaining more for instance the founder of [amazon.com](#) is declared the richest person ever seen in the world.

**It is the actually good time to introduce it because since declared pandemic ,it has been almost 8 months, so We suppose most of people created good stuffs.**

If we can not establish a trust relationship between customers. The web site might not be used much.

- Product/Service Demand

We do not think to launch it for now so we did not do like talking face to face or Internet and Gumshoe researches

Our demand analysis depends on our observation.

#### Industry/Target Market Feasibility

- Industry Attractiveness

It will be an e commerce industry so its not quite young industry but also its not late in their life cycle , especially because of pandemic the demand to the online shopping is getting increase.

Currently, according to our idea, using our website is "want to have" but we believe day by day, it will be a necessity.

It won't be crowded at first but probably some of people will start something to earn money online.

**Its depend of the price that some materials to craft stuffs, but it won't be expensive or changeable.**

**Since all of them will be handmade it will remain high profit to our customers.**

- Target Market Attractiveness

**There are some e-commerce websites but our difference will be for specific stuffs.**

We do not suppose the online shopping system will die but the kind of transporting the products can be change or the payment system can change, we should also research about them.

### Organizational Feasibility Analysis

- Management Prowess

**The passion for business idea is non-negligible because all team will do best to get high points:)**

We do not have any experience but we are motivated to learn the technologies behind the system easily.

- Resource Sufficiency

**We do not need any office space all we need is our computers and time.**

We do not have to budget for lab space or manufacturing space.

We won't have business partnerships other than hosting services. Any person can be our partnership if He/she continue to sell something on our website.

To get intellectual property all we need to do is using open source free software and also we should get front-end templates by paying them

### Financial Feasibility Analysis

Total-Startup cash needed for developers, front-end templates and hosting services. **We do not need to rent any office at first after the user of the system getting increased we can consider about that but for now we think we will work remote Only the thing that we will lose is time.**

Financial performance of similar companies also pay for customer service and office rents etc. and some of them provide their transportation systems. Most of them do not produce their own products. Basically they are brokers. If our company can not grow enough , Its impossible to budget them. May be we can ask for some angel investors.

After some people selling their hand-made crafts. It will attract others too so It will spread among people and they will earn money from their hobbies. We only need to do creating a stable and working system after it spreads among people all we need to move the system a large service to maintain stable. We actually do not even need startup cash if we do not pay to developers otherwise after our system using rate getting increased. We can start to give advertisement to system or we can work with subscription system.

### Business Model Canvas

The business model canvas was developed by Alex Osterwalder. A business model is simply a design for the successful operation of a business. It's how you create value for yourself (e.g. make money) while delivering products or services to your customers.

## KeenOn Canvas Model

Designed for Project Pages	Designed by RapidSoft	Date 2020-11-07	Version 1.0.0	
Key partners	Key activities	Value Propositions	Customer relationships	Customer segments
<ul style="list-style-type: none"><li>• Shoppers</li><li>• Sellers</li><li>• Hosting Services(amazon,google,microsoft)</li><li>• Shipping Companies(?)</li></ul>	<ul style="list-style-type: none"><li>• Web development</li><li>• Stable system</li><li>• Web maintenance</li><li>• Customer support</li></ul>	<ul style="list-style-type: none"><li>• Online marketplace</li><li>• Bringing together seller and buyer</li><li>• Accessibility</li><li>• Selling unique stuffs</li><li>• Earning money from hobbies</li></ul>	<ul style="list-style-type: none"><li>• Automation</li><li>• Self-service</li><li>• Reputation</li></ul>	<ul style="list-style-type: none"><li>• Mass market</li><li>• Business Clients</li><li>• Operate as retailers on KeenOn Website</li><li>• Retail Clients</li><li>• Purchasing products listed on web site</li></ul>
Key resources	Channels			
<ul style="list-style-type: none"><li>• Network</li><li>• Seller ratings</li><li>• Open Source Platform</li></ul>	<ul style="list-style-type: none"><li>• Internet</li><li>• Web App</li><li>• Social Network</li></ul>			



Based on the Business Model Canvas by Strategyzer.com, used under CC BY-SA 3.0

## Project Requirements

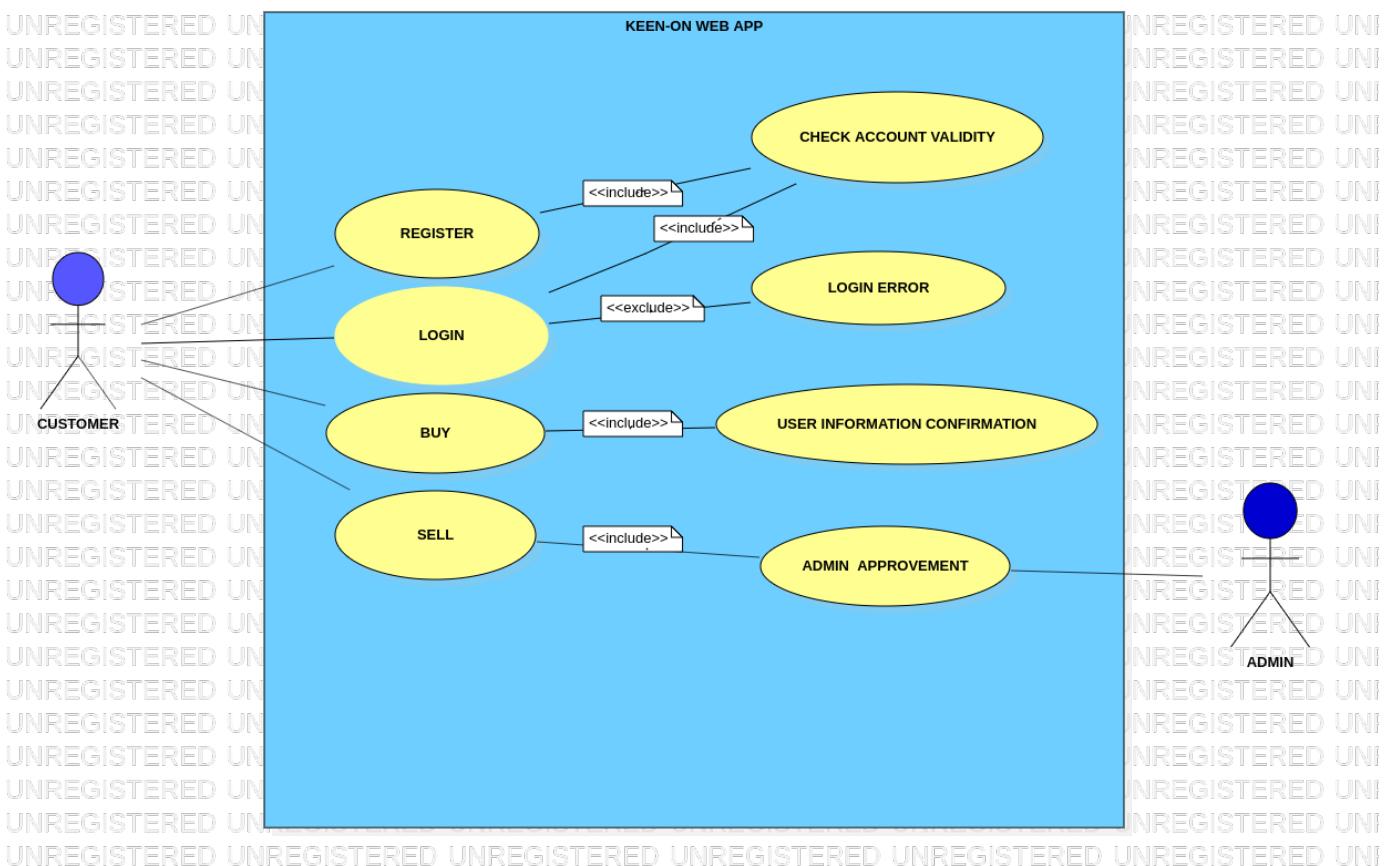
### User Requirements

#### Users of the System

-Customer/Seller(with one account)

-Admin

We provide a system to use for the people who want to buy/sell their hobby related stuffs. If he/she want to earn money with his/her hobbies. They can buy/sell the items that designed by themselves. They just take picture of them and send it to web app to approve by admin. After approved by admin. It launch to the market. Or a user who wants to buy an item which is made by hand. They can also use the web app. only user needs to enter their information and after that they can buy/sell the items.





user\_requirements.pdf

Software-System-Requirement



Software-System...Requirement.pdf

#### **\*\*Software System Attributes\*\***

##### **\*Reliability:**

Django has its own naming system for all functions and components (e.g., HTTP responses are called “views”). It also has an admin panel, which is deemed easier to work with than in Laravel or Yii, and other technical features, including:

- Simple syntax;
- Its own web server;
- MVC (Model-View-Controller) core architecture;
- “Batteries included” (comes with all the essentials needed to solve solving common cases);
- An ORM (Object Relational Mapper);
- HTTP libraries;
- Middleware support; and
- A Python unit test framework.

##### **\* Availability:**

Keen-On is a Django based wep application. Django almost entirely written in Python and its architecture support some benchmarking tool which is written in Python or other languages. Such as;

- Mobbage: <https://github.com/redfin/mobbage>
- nvtest-benchmark

At the end of the project there will be daily benchmarking and eye the client traffics on the server. Therefore, there might be a maintenance hours or day according to fault on project. Our plan is making the application online 7-24.

#### \* Security:

Django serves lots of security functionality for the health of application. These functionalities protect the project from malicious attacks. These are some example which is denoted by Django.

- **Cross-side scripting XSS protection.**
  - XSS attacks allow a user to inject client-side scripts into the browsers of other users. This is usually achieved by storing the malicious scripts in the database where it will be retrieved and displayed to other users, or by getting users to click a link which will cause the attacker's JavaScript to be executed by the user's browser. However, XSS attacks can originate from any untrusted source of data, such as cookies or Web services, whenever the data is not sufficiently sanitized before including in a page.
- **Cross-side request forgery (CSRF) protection.**
  - Django has built-in protection against most types of CSRF attacks, providing you have enabled and use it where appropriate. However, as with any mitigation technique, there are limitations.
- **SQL injection protection.**
  - SQL injection is a type of attack where a malicious user is able to execute arbitrary SQL code on a database. This can result in records being deleted or data leakage. Django's query sets are protected from SQL injection since their queries are constructed using query parameterization. A query's SQL code is defined separately from the query's parameters. Since parameters may be user-provided and therefore unsafe, they are escaped by the underlying database driver.

#### Functionalities and Non - Functionalities Requirements



Functionalities...NonFuncReq.docx

#### Functionalities

##### User roles & profiles

- The system administrator. The person that installs KEENON, the e-commerce platform and the KEENON / e-commerce connector. Additionally, this person also setups KEENON and the e-commerce systems for their operation.
- The customer. The person that connects to the on-line e-commerce front-end and browses the product catalog or places an order.
- The sales manager. The person is the company that looks after the sales orders and ensures that all the sales operations work correctly.
- The person can be both the sales manager and customer.

##### Business process definition

- Search the product catalog.
- Browse the product catalog.
- Making an order using an on-line front-end.

- Notifying the customer that is not enough stock.
- Generate an invoice for an order that has been completed.

#### User stories

Story 1. A customer connects to the e-commerce front-end looking for a product:

1. The customer starts at the e-commerce front-end main page.
2. The customer searches in the products catalog for a specific product.
3. The customer gets information about the product.
4. The customer decides if she wants to proceed with an order.

Story 2. A customer connects to the e-commerce front-end for browsing the products catalog:

1. The customer starts at the e-commerce front-end main page.
2. The customer browser hierarchically the products catalog.
3. The customer gets information about the product.
4. The customer decides if she wants to proceed with an order.

Story 3. A customer places successfully an order into the system:

1. The customer registers or logins into the system.
2. The customer places an order within the system.
3. System checks that there is enough stock.
4. Completes the order successfully.
5. Decides if she wants an invoice send by mail or shown to her.

Story 4. A customer tries to place an order into the system but the product is out of stock:

1. The customer registers or logins into the system.
2. The customer places an order within the system.
3. System checks that there is enough stock.
4. The user is informed of the shortage of stock.

Story 5. A customer tracks the status of her orders:

1. The customer logins into the system.
2. Selects the order for which wants more detail and its status.
3. Detail of the order is shown.

#### Functional requirements based on business processes

#### **Customer management**

It's a common scenario that a new user registers using the e-commerce front-end to be able to perform a commercial transaction later. It should be possible to:

- Check if a customer already exists in KEENON website.
- Create new customers in KEENON website.
- Modify the information of a customer in KEENON website.

#### **Product catalog**

A product catalog contains all the products that a user can view.

General considerations:

- All the information about the products in the catalog is stored in KEENON website.

It should be possible for a user to perform the following actions:

- Search the product catalog.
- Get all the details of a product.

Every product object can contain at least the following details:

- Product name.
- Product description.
- Product category.
- Product attributes (*weight, color, size, etc.*).
- Product price

It should be possible for users to query product's inventory availability. This can be displayed when the user is viewing the product information.

#### **Sales order**

It should be possible for a user to:

- Perform a full sales order.
- Modify or cancel an order once it has been created in the system.
- Get a list of the products that has bought.

## Invoicing

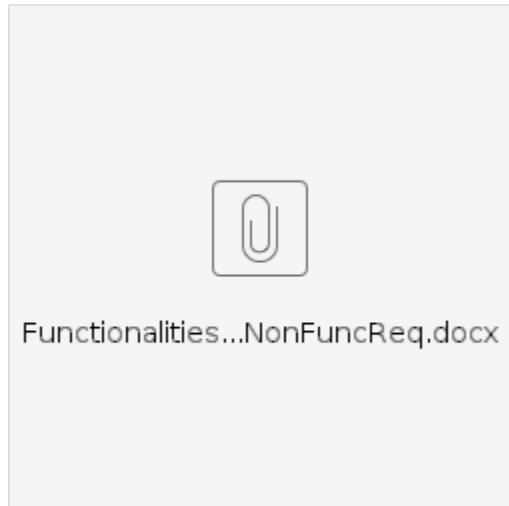
It should be possible for the e-commerce system:

- Get access to the full invoice object to render an invoice by itself.

## Non – Functionalities

These are general requirements that impact in the technical decisions:

- The final system should scale correctly to support high traffic loads.
- Security is key since we are performing commercial translations and dealing with confidential data.
- It is important that all process within KEENON website are automatic.
- Any page of the application should not take more than 6 seconds to load.
- The system may be throttled or slowed down on heavy loads to ensure service for everybody. By throttling is meant that certain functionality may be unavailable during heavy server load.
- The application should be able to support 100 concurrent users without any performance degradation.
- Although striving to have a 100% uptime, unless during a scheduled maintenance period, which will be relayed to the users of the site well in advance, problems may occur.
- The system should be able to scale up to 500 concurrent users (if there is a need in the future) by installing additional hardware components.
- The system has to be online 24 hours a day, 7 days a week. There is no place for an extended downtime, especially when the project goes International, and time zones will control the traffic load
- There needs to be clearly defined roles of the users. These roles are 'customer' and 'administrator'. Each person that goes to the system's website will be required to register if they want to do more than just read / browse site content.
- A secure server will be required to ensure confidentiality of customer's credit card and other details
- Because of the different roles, passwords and user accounts must be implemented properly. It should be difficult to gain access to the site in an illegal manner.
- interface of the system should be very user friendly.
- It should not take more than 120 seconds for a new user to register for an account.
- It should not take more than 90 seconds for a registered user to place an order.



@ Ceren Gumus

## User Stories

Story 1. A customer connects to the e-commerce front-end looking for a product:

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3. Detail of the order is shown.

## Product requirements

Error rendering macro 'create-from-template' : Failed to find net.sf.hibernate.Session from the current thread

Title	Document owner	Docu ment status	Edit reason	Epic	Last edited by	Tar ge t re le as e
Profile Activity Requirements	@ Baran Hasan Bozduman	IN PR OG RE SS	Initialize and determine fundamental requirements	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-46">https://rapids0ft.atlassian.net/browse/KEENON2020-46</a>	@ Baran Hasan Bozduman	1 8 N o v 2 0 20
Buy Activity Requirements	@ Baran Hasan Bozduman	IN PR OG RE SS	Initialize and determine fundamental requirements	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-45">https://rapids0ft.atlassian.net/browse/KEENON2020-45</a>	@ Baran Hasan Bozduman	1 8 N o v 2 0 20
Sell Activity Requirements	@ Baran Hasan Bozduman	IN PR OG RE SS	Initialize and determine fundamental requirements	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-43">https://rapids0ft.atlassian.net/browse/KEENON2020-43</a>	@ Baran Hasan Bozduman	1 8 N o v 2 0 20
Register Requirements	@ Baran Hasan Bozduman			<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-41">https://rapids0ft.atlassian.net/browse/KEENON2020-41</a>	@ Baran Hasan Bozduman	1 8 N

		<b>IN PR OG RE SS</b>	Initialize and determine fundamental requirements		O V 2 0 20
Check out Activity Requirements	@ Baran Hasan Bozduman	<b>IN PR OG RE SS</b>	Initialize and determine fundamental requirements	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-45">https://rapids0ft.atlassian.net/browse/KEENON2020-45</a>	@ Baran Hasan Bozduman 1 8 N o v 2 0 20
Login Requirements	@ Baran Hasan Bozduman	<b>IN PR OG RE SS</b>	Initialize and determine fundamental requirements	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-42">https://rapids0ft.atlassian.net/browse/KEENON2020-42</a>	@ Baran Hasan Bozduman 1 8 N o v 2 0 20

## Register Requirements

<b>Target release</b>	18 Nov 2020
<b>Epic</b>	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-41">https://rapids0ft.atlassian.net/browse/KEENON2020-41</a>
<b>Document status</b>	<b>IN PROGRESS</b>
<b>Document owner</b>	@ Baran Hasan Bozduman
<b>Last edited by</b>	@ Baran Hasan Bozduman
<b>Edit reason</b>	Initialize and determine fundamental requirements

### Objective

Before the user first time trying login the system, Firstly user have to register to the system.

### Assumptions

- We assume that user did not register to the system.

### Requirements

	Requirement	User Story	Importan ce	Jira Issue
1	<b>FUNDAME NTAL</b>	As a User I want to register to the system So I can use the system	<b>HIGH</b>	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-8">https://rapids0ft.atlassian.net/browse/KEENON2020-8</a>
2	<b>FUNDAME NTAL</b>	As a User I do not want to a second account with same mail So I do not confuse.	<b>HIGH</b>	<a href="https://rapids0ft.atlassian.net/browse/KEON-10">https://rapids0ft.atlassian.net/browse/KEON-10</a>
3	<b>FUNDAME NTAL</b>	!!!!!!As a User I want to save my account information So I do not need to fill them again.	<b>MEDIUM</b>	<a href="https://rapids0ft.atlassian.net/browse/KEON-31">https://rapids0ft.atlassian.net/browse/KEON-31</a>
4	<b>OPTIONAL</b>	As a User I want to register with google automatic authentication So I do not have to remember my account mail and password.	<b>LOW</b>	#will be linked after created backlog

#THIS SECTION SHOULD INCLUDE PICTURES OF THE SYSTEM AFTER ITS DONE

Open Questions

#FOR QUESTIONS FROM TEACHER

Question	Answer	Date Answered

### Login Requirements

Target release	18 Nov 2020
Epic	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-42">https://rapids0ft.atlassian.net/browse/KEENON2020-42</a>
Document status	IN PROGRESS
Document owner	@ Baran Hasan Bozduman
Last edited by	@ Baran Hasan Bozduman
Edit reason	Initialize and determine fundamental requirements

Objective

Before the using the system the user must log on.

Assumptions

- We assume that user has registered to the system.

Requirements

	Requirement	User Story	Importance	Jira Issue
1	FUNDAMENTAL	As a User I want to login in the system So I can use the system.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-14">https://rapids0ft.atlassian.net/browse/KEENON2020-14</a>
2	FUNDAMENTAL	As a User I want only I can reach my account So my account will be safe.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-16">https://rapids0ft.atlassian.net/browse/KEON-16</a>
3	SHOULD BE	As a User I want system advise me register option If I am not registered on system So I can register and use the system.	MEDIUM	<a href="https://rapids0ft.atlassian.net/browse/KEON-16">https://rapids0ft.atlassian.net/browse/KEON-16</a> Register Requirements
4	FUNDAMENTAL	As a User I want to be directed to my profile So I can see what options I have	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-18">https://rapids0ft.atlassian.net/browse/KEON-18</a>

User interaction and design

#LOGIN PAGE PICTURE

Open Questions

#QUESTIONS IF ANY

Question	Answer	Date Answered

### Sell Activity Requirements

Target release	18 Nov 2020
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Epic	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-43">https://rapids0ft.atlassian.net/browse/KEENON2020-43</a>
Document status	IN PROGRESS
Document owner	@ Baran Hasan Bozduman
Last edited by	@ Baran Hasan Bozduman
Edit reason	Initialize and determine fundamental requirements

#### Objective

A registered user can sell items online.

#### Assumptions

- We assume that user logged on the system successfully.

#### Requirements

	Requirement	User Story	Importance	Jira Issue
1	FUNDAMENTAL	As a User I want to sell my products online So I can gain money.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-19">https://rapids0ft.atlassian.net/browse/KEENON2020-19</a>
2	FUNDAMENTAL	As a User I want to share product information So other users can know what I am selling.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-20">https://rapids0ft.atlassian.net/browse/KEON-20</a>
3	FUNDAMENTAL	As a User I want to learn my product situation So I can learn is it in the market or not.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-21">https://rapids0ft.atlassian.net/browse/KEON-21</a>
4	FUNDAMENTAL	?????? As a User I want to sell only hobby related things So Admin can warn me if I do not sell hobby related items.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-22">https://rapids0ft.atlassian.net/browse/KEON-22</a>

#### User interaction and design

#ADD SELL PAGE PICTURE HERE

#### Open Questions

#IF ANY QUESTIONS FROM TEACHER

Question	Answer	Date Answered

#### Buy Activity Requirements

Target release	18 Nov 2020
Epic	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-45">https://rapids0ft.atlassian.net/browse/KEENON2020-45</a>
Document status	IN PROGRESS
Document owner	@ Baran Hasan Bozduman
Last edited by	@ Baran Hasan Bozduman
Edit reason	Initialize and determine fundamental requirements

#### Objective

User should see what's in the market and he/She can add products to his/her cart.

#### Assumptions

- We assume that user has a valid account and She/he must be logged on.

#### Requirements

	Requirement	User Story	Importance	Jira Issue
1	FUNDAMENTAL	As a User I want to see what's in the market So I can choose the items that I want to check.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-24">https://rapids0ft.atlassian.net/browse/KEON-24</a>
2	FUNDAMENTAL	As a User I want to check the product information which is in the market So I can consider to buy.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-25">https://rapids0ft.atlassian.net/browse/KEON-25</a>
3	FUNDAMENTAL	???As a user I want to add the products to my cart So I can check out.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-23">https://rapids0ft.atlassian.net/browse/KEENON2020-23</a>

#### User interaction and design

### #PRODUCT AND MARKET PAGES INFORMATION

#### Open Questions

### #QUESTIONS FROM TEACHER

Question	Answer	Date Answered

#### Check out Activity Requirements

Target release	18 Nov 2020
Epic	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-45">https://rapids0ft.atlassian.net/browse/KEENON2020-45</a>
Document status	IN PROGRESS
Document owner	@ Baran Hasan Bozduman
Last edited by	@ Baran Hasan Bozduman
Edit reason	Initialize and determine fundamental requirements

#### Objective

After user chose and add the products to his/her cart. He/she can check out.

#### Assumptions

- We assume that user logged on.
- User add products to his/her cart.
- User registered his/her address information(optional)

#### Requirements

	Requirement	User Story	Importance	Jira Issue
1	FUNDAMENTAL	As a User I want to see what I have in my cart So I can add or delete items from my cart.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-28">https://rapids0ft.atlassian.net/browse/KEON-28</a>
2	FUNDAMENTAL	As a User I want to see updated version of items So I do not try to buy a ran out item if there is any change with its price I can see.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-29">https://rapids0ft.atlassian.net/browse/KEON-29</a>
3			MEDIUM	<a href="https://rapids0ft.atlassian.net/browse/KEON-31">https://rapids0ft.atlassian.net/browse/KEON-31</a>

	<b>FUNDAMENTAL</b>	As a User I want system ask me for address information if I did not specified any address So I do not have to go my profile and add address information again		
4	<b>FUNDAMENTAL</b>	As a User I want system to show me last information about order So I can verify it	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-30">https://rapids0ft.atlassian.net/browse/KEON-30</a>
5	<b>FUNDAMENTAL</b>	As a User I want system forward me to the Payment section after I verify the order information So I can pay it and complete my order.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-30">https://rapids0ft.atlassian.net/browse/KEON-30</a>

User interaction and design

## #CART PAGE PICTURE

Open Questions

## #IF THERE IS ANY QUESTIONS FROM TEACHER OR ...

Question	Answer	Date Answered

## Profile Activity Requirements

<b>Target release</b>	18 Nov 2020
<b>Epic</b>	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-46">https://rapids0ft.atlassian.net/browse/KEENON2020-46</a>
<b>Document status</b>	IN PROGRESS
<b>Document owner</b>	@ Baran Hasan Bozduman
<b>Last edited by</b>	@ Baran Hasan Bozduman
<b>Edit reason</b>	Initialize and determine fundamental requirements

Objective

User can change account information and He/She can choose what activity she/he want to do.

Assumptions

- We assume that user has a valid account and she/He logged in.

Requirements

	Requirement	User Story	Importance	Jira Issue
1	<b>FUNDAMENTAL</b>	As a User I want to see my account information and activity buttons So I can change it or use an activity.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-33">https://rapids0ft.atlassian.net/browse/KEENON2020-33</a>
2	<b>FUNDAMENTAL</b>	As a User I want to add my profile picture So we can establish good relationship with other users.	HIGH	###User story/task
3		User rating		

User interaction and design

## #USER PROFILE PICTURE WILL BE HERE

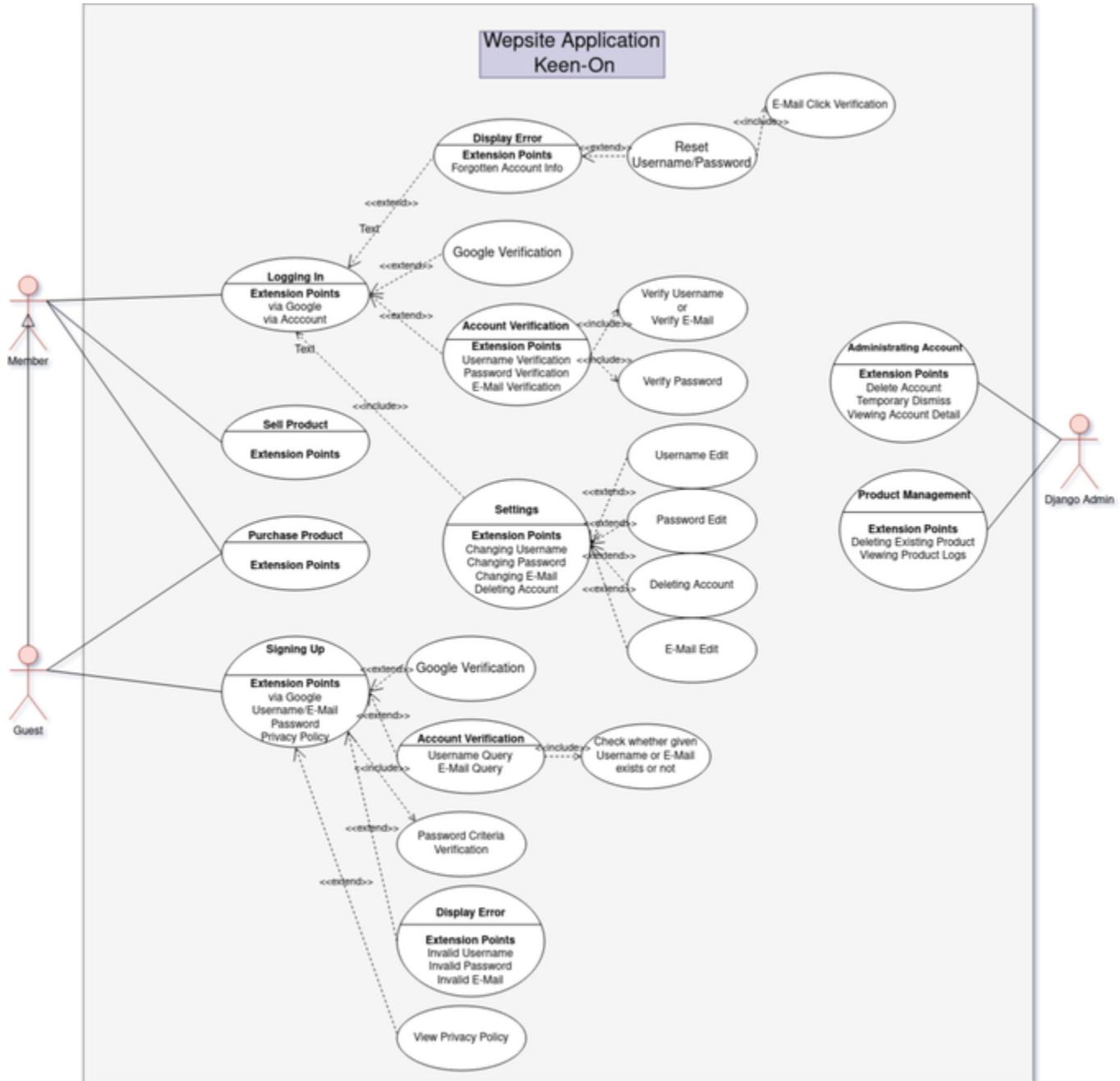
Open Questions

## #IF THERE IS ANY QUESTIONS FROM TEACHER OR ...

Question	Answer	Date Answered

## Project Diagrams

## Use-Case Diagrams



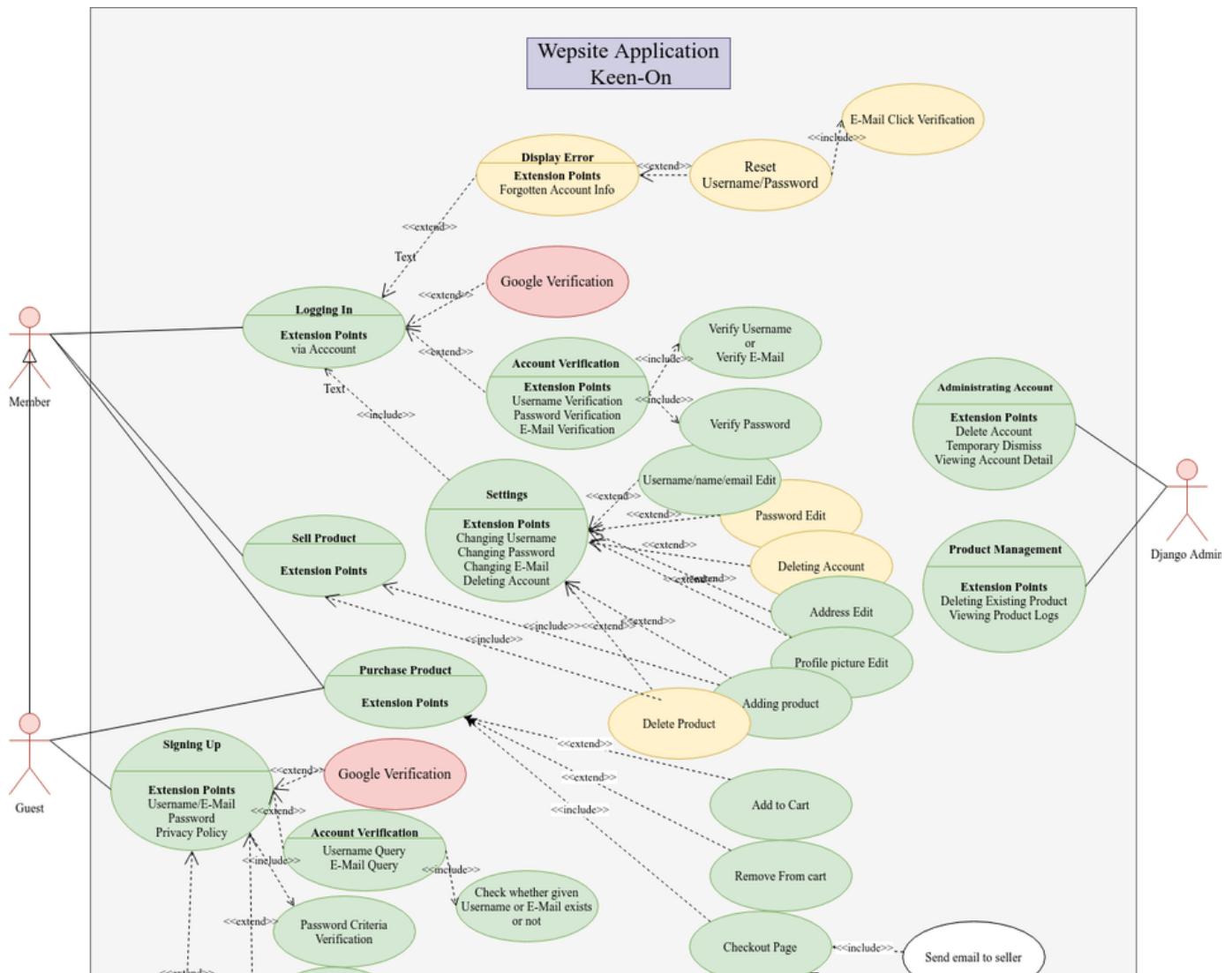


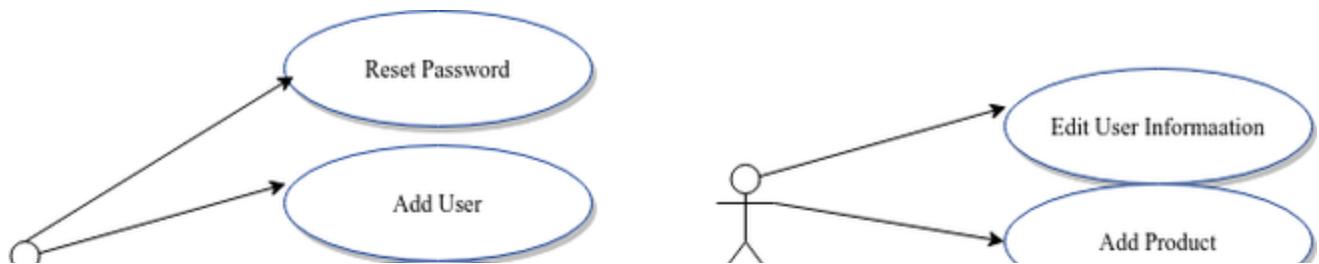
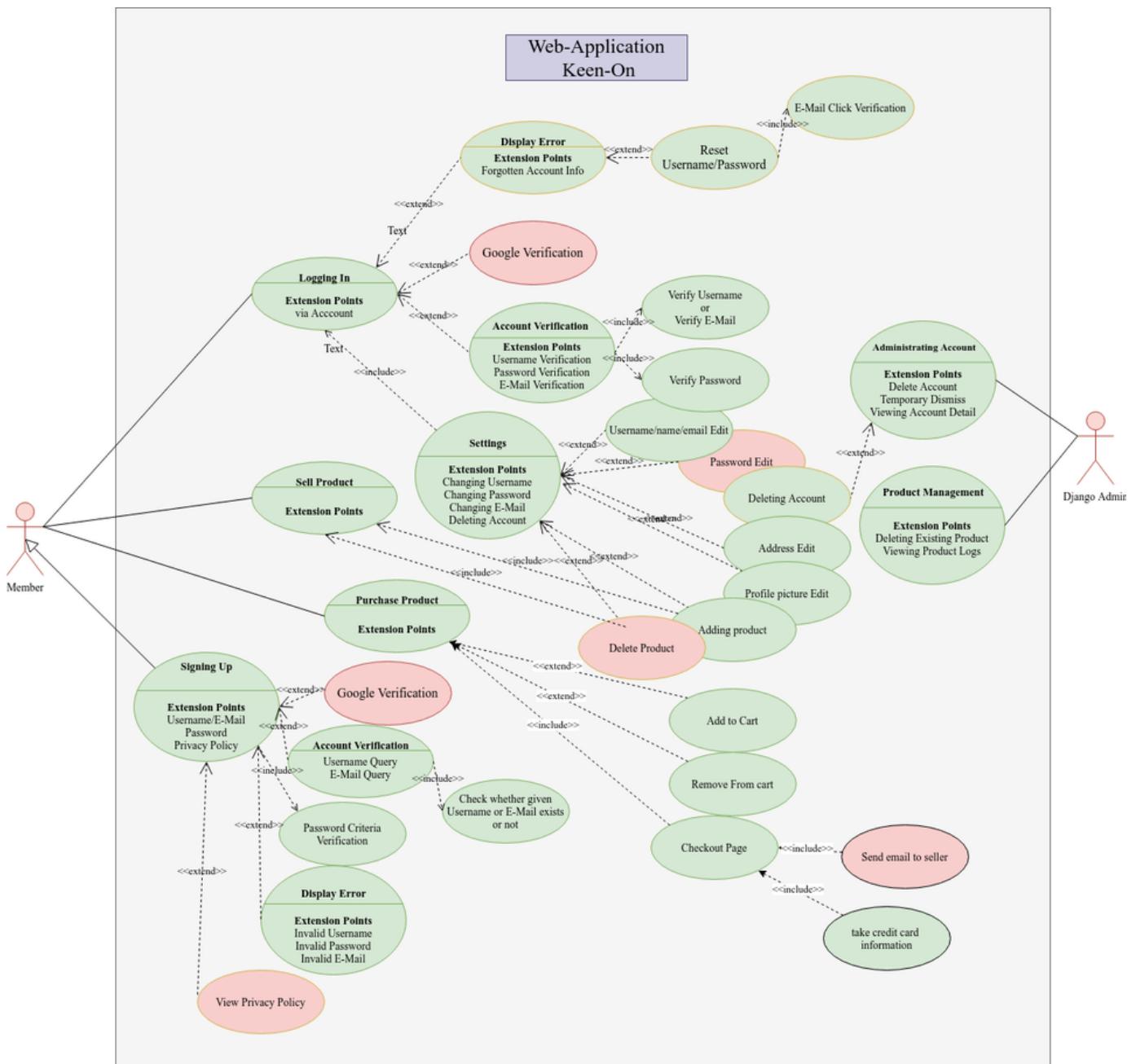
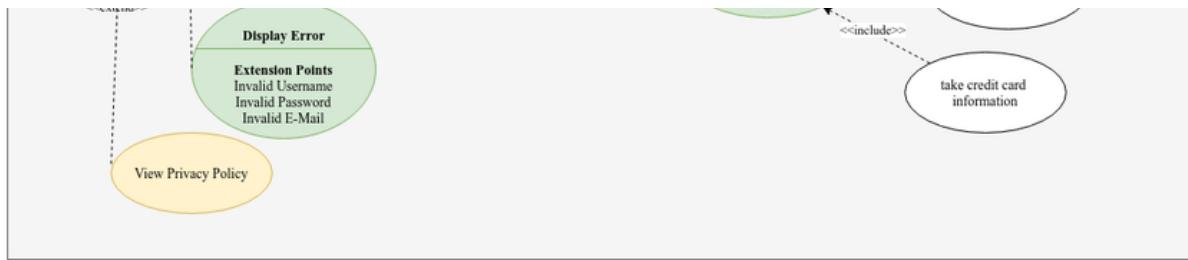
**IMPLEMENTED**

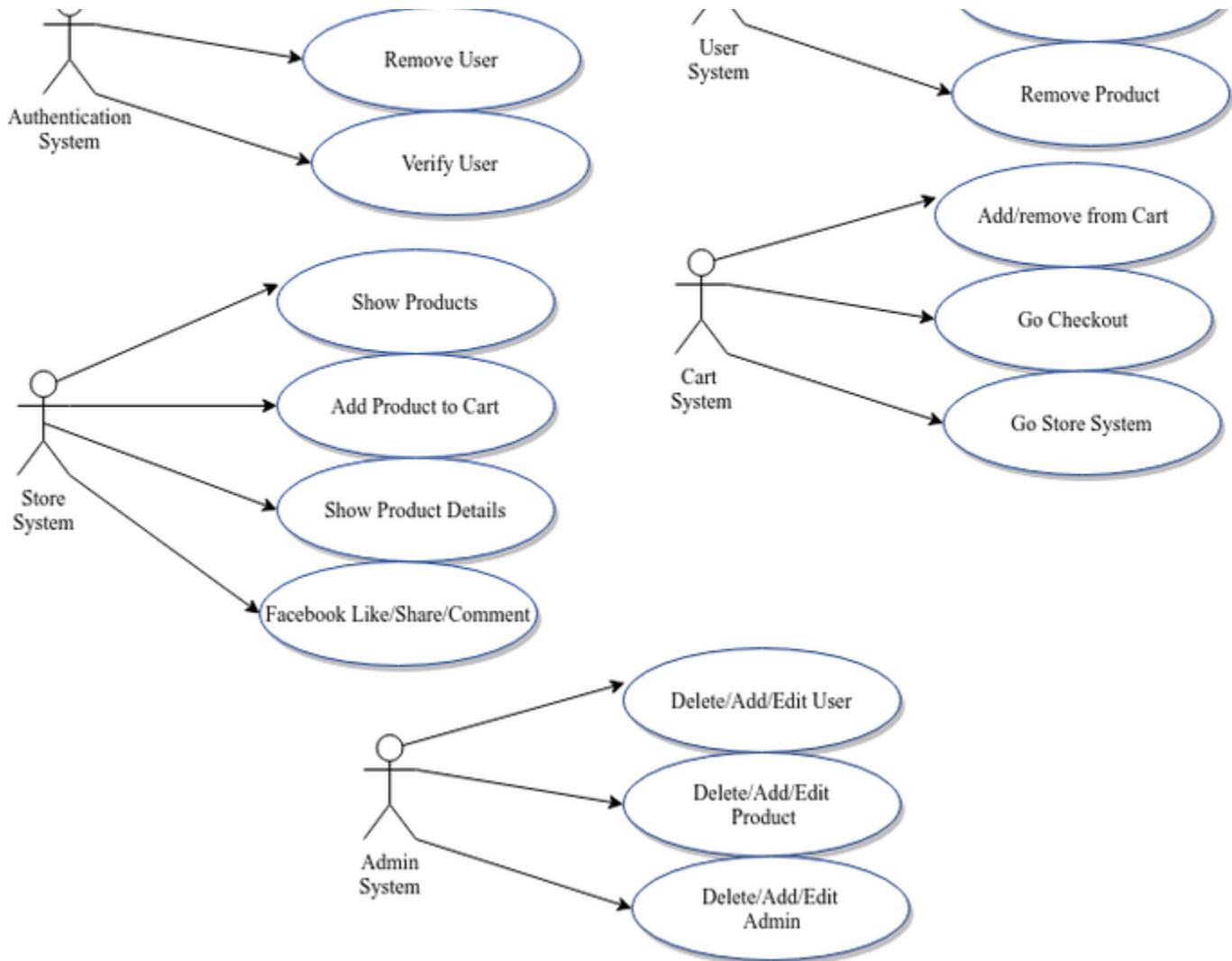
**UNTIL FINAL PRESENTATION**

**WE MAY NOT IMPLEMENT**

**WE DID NOT DECIDE**







<b>System</b>	Keenon Store System
<b>Use Case</b>	Add User
<b>Actors</b>	Authentication System, Keenon Store System
<b>Data</b>	User send his/her email First name last name username password and phone number to Keen on Store system
<b>Stimulus</b>	KeenOn store system wants to create a new user from framework
<b>Response</b>	Framework creates new user with his/her information
<b>Comments</b>	Users can register by themselves

<b>System</b>	Authentication System
<b>Use Case</b>	Reset Password
<b>Actors</b>	Authentication System
<b>Data</b>	User send his/her email to Authentication System
<b>Stimulus</b>	Authentication System finds to related account mail
<b>Response</b>	Authentication System wants to create a token with related user and send it to email of related account
<b>Comments</b>	User can change his/her password by using that link

<b>System</b>	Keenon Store System
<b>Use Case</b>	Verify User
<b>Actors</b>	Authentication System, Keenon Store System
<b>Data</b>	KeenOn Store system takes the user informations username and password
<b>Stimulus</b>	Keen On Store system asks for to verify informations from authentication system
<b>Response</b>	Authentication System verify user information and KeenOn system accept user as a verified member of system
<b>Comments</b>	If user cant be verify ,user continue as guest

<b>System</b>	Keenon Store System
<b>Use Case</b>	Remove User
<b>Actors</b>	User System, Authentication System
<b>Data</b>	The user who is verified by system currently(logged in) can remove themselves by entering password information
<b>Stimulus</b>	User system ask for to verify password from Authentication System
<b>Response</b>	User authentication system verify the password and gives confirmation
<b>Comments</b>	User can delete themselves by using user system

<b>System</b>	Keenon Store System
<b>Use Case</b>	Edit User Information
<b>Actors</b>	User System
<b>Data</b>	The user enters new informations such as mail name surname picture address etc then update his/her profile
<b>Stimulus</b>	User system can handle it by itself
<b>Response</b>	If the information patterns not wrong it confirms new information
<b>Comments</b>	User can update his informations.

<b>System</b>	Keenon Store System
<b>Use Case</b>	Add Product
<b>Actors</b>	User System, Keenon Store Sytem
<b>Data</b>	User enters the informations of product name description quantitiy and price and picture
<b>Stimulus</b>	It asks for to KeenOn Stroe System to add product in to database if the patterns are true
<b>Response</b>	Keen On Store system adds the new product into the database
<b>Comments</b>	User can add product to database to sell them

<b>System</b>	Keenon Store System
<b>Use Case</b>	Remove Product
<b>Actors</b>	User System, Keenon Store System
<b>Data</b>	User Selects to product and send delete signal
<b>Stimulus</b>	User system asks for to the KeenOn Store system to delete the product from database
<b>Response</b>	Keen On Store system deletes it

<b>Comments</b>	User can delete the product from database
-----------------	---

<b>System</b>	Keenon Store System
<b>Use Case</b>	Add/Remove Cart
<b>Actors</b>	Cart System, UserSystem
<b>Data</b>	User increase or decrease the cart items
<b>Stimulus</b>	Cart system asks for the user to delete or add items from appropriate user account
<b>Response</b>	Cart system is ready for new product quantity
<b>Comments</b>	if cart elements quantity is 1 it should be disappear after decrease operation

<b>System</b>	Keenon Store System
<b>Use Case</b>	Go checkout
<b>Actors</b>	Cart System, User system
<b>Data</b>	The items which is currently in the cart will send to checkout and user enter some informations for payment
<b>Stimulus</b>	Cart System asks for the user system to take cart items and user informations
<b>Response</b>	User system sends the user informations and cart items
<b>Comments</b>	it wont send if the one of item insufficient

<b>System</b>	Keenon Store System
<b>Use Case</b>	Go Store System
<b>Actors</b>	Cart System, Store System
<b>Data</b>	url to go store system
<b>Stimulus</b>	User asks for to redirect to store
<b>Response</b>	Store system accepts and redirect to store system
<b>Comments</b>	-

<b>System</b>	Keenon Store System
<b>Use Case</b>	Show Products
<b>Actors</b>	Store system,KeenOn Store system
<b>Data</b>	The Keen on store system sends data to store system from database the informations of products
<b>Stimulus</b>	KeenOn store system connects the database and store system
<b>Response</b>	The products data sends to store
<b>Comments</b>	Products updated simultaneously

<b>System</b>	Keenon Store System
<b>Use Case</b>	Add Products to Cart
<b>Actors</b>	Store System, UserSystem
<b>Data</b>	the data of choiced product
<b>Stimulus</b>	The data sends to user system

<b>Response</b>	User System creates a new cart item with user key
<b>Comments</b>	If product ran out it wont be added

<b>System</b>	Keenon Store System
<b>Use Case</b>	Show Product Details
<b>Actors</b>	Store Sytem, KeenOn Store System
<b>Data</b>	The id of product
<b>Stimulus</b>	KeenOn Store System takes the id of product
<b>Response</b>	And sends the Store system the information of product
<b>Comments</b>	-

<b>System</b>	Keenon Store System,
<b>Use Case</b>	Like Share Comment
<b>Actors</b>	Store Sytem, KeenOn Store System,Facebook
<b>Data</b>	Takes the product and takes facebook account information
<b>Stimulus</b>	you can comment related product and also you can share it in facebook
<b>Response</b>	it shares in facebook or it can add comments in the product-detalis pages below
<b>Comments</b>	-

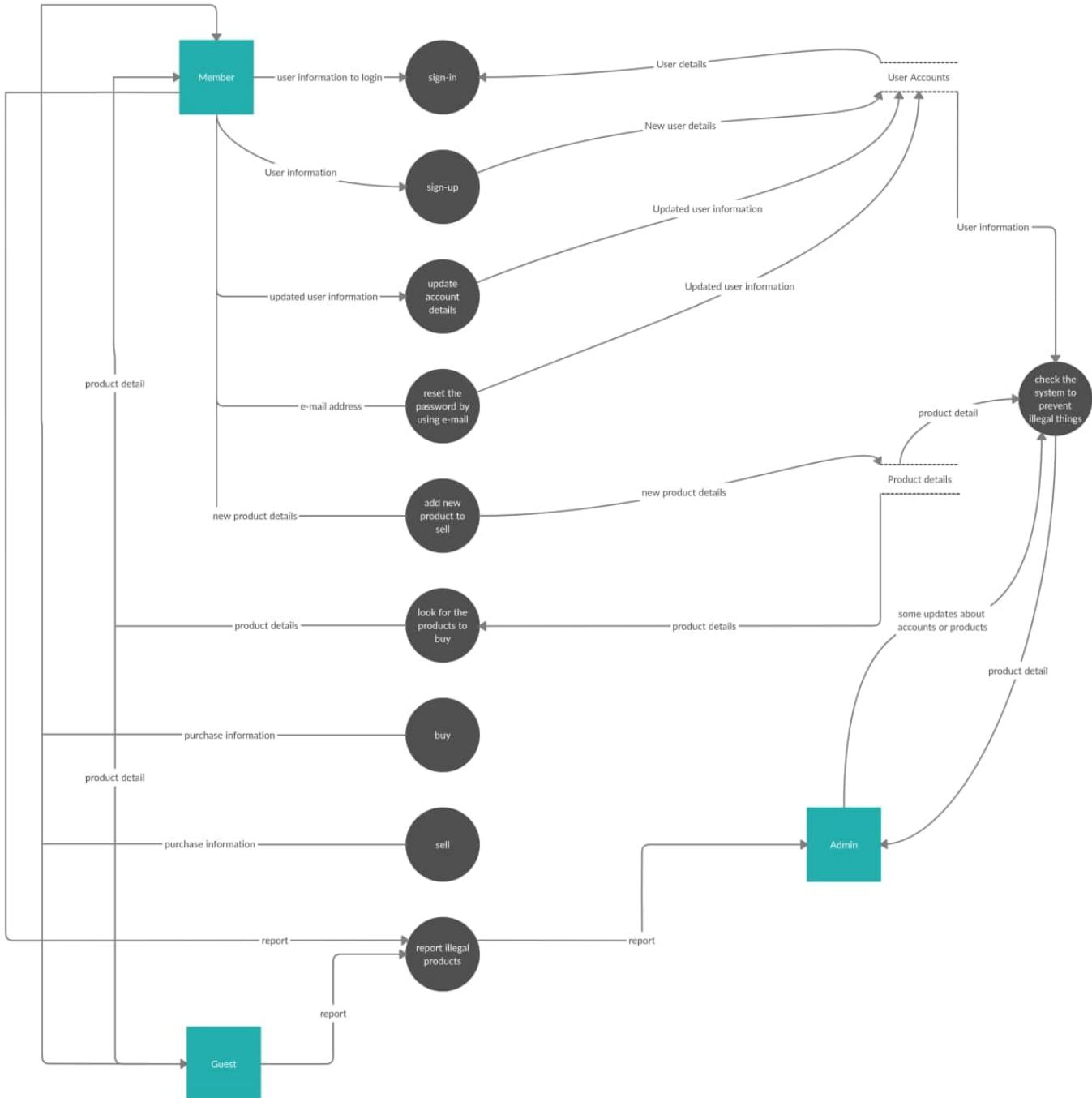
<b>System</b>	Keenon Store System
<b>Use Case</b>	Delete/Add/Edit User
<b>Actors</b>	Admin System,Authentication System,KeenOn Store System
<b>Data</b>	KeenOn Store System returns the information of chosed user
<b>Stimulus</b>	Authentication System verify the user as admin and allow to make changes for user
<b>Response</b>	Admin System save new information after done with changes
<b>Comments</b>	Admin can do all changes any time

<b>System</b>	Keenon Store System
<b>Use Case</b>	Delete/Add/Edit Product
<b>Actors</b>	Admin System,Authentication System,KeenOn Store System
<b>Data</b>	KeenOn Store System returns the information of product
<b>Stimulus</b>	Authentication System verify the user as admin and allow to make changes for product
<b>Response</b>	Admin System save new information after done with changes
<b>Comments</b>	Admin can change all product situation all time

<b>System</b>	Keenon Store System
<b>Use Case</b>	Delete/Add/Edit Admin
<b>Actors</b>	Admin System,Authentication System,KeenOn Store System

<b>Data</b>	KeenOn Store System returns the information of admins
<b>Stimulus</b>	Authentication System verify the user as admin and allow to make changes for admins
<b>Response</b>	Admin System save new information after done with changes
<b>Comments</b>	Admin have all authorizations on other admins

Modul diagram level1



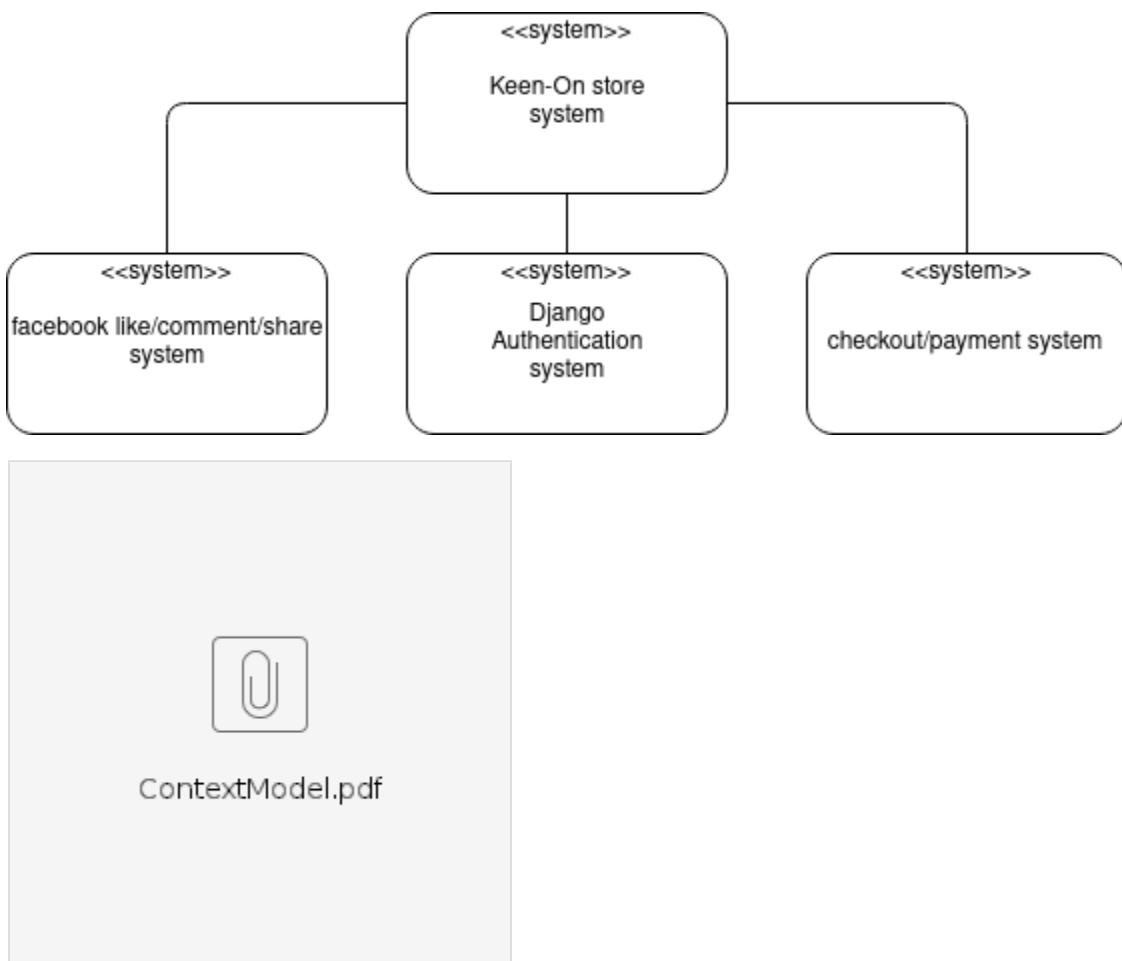


Modul diagram level1.pdf

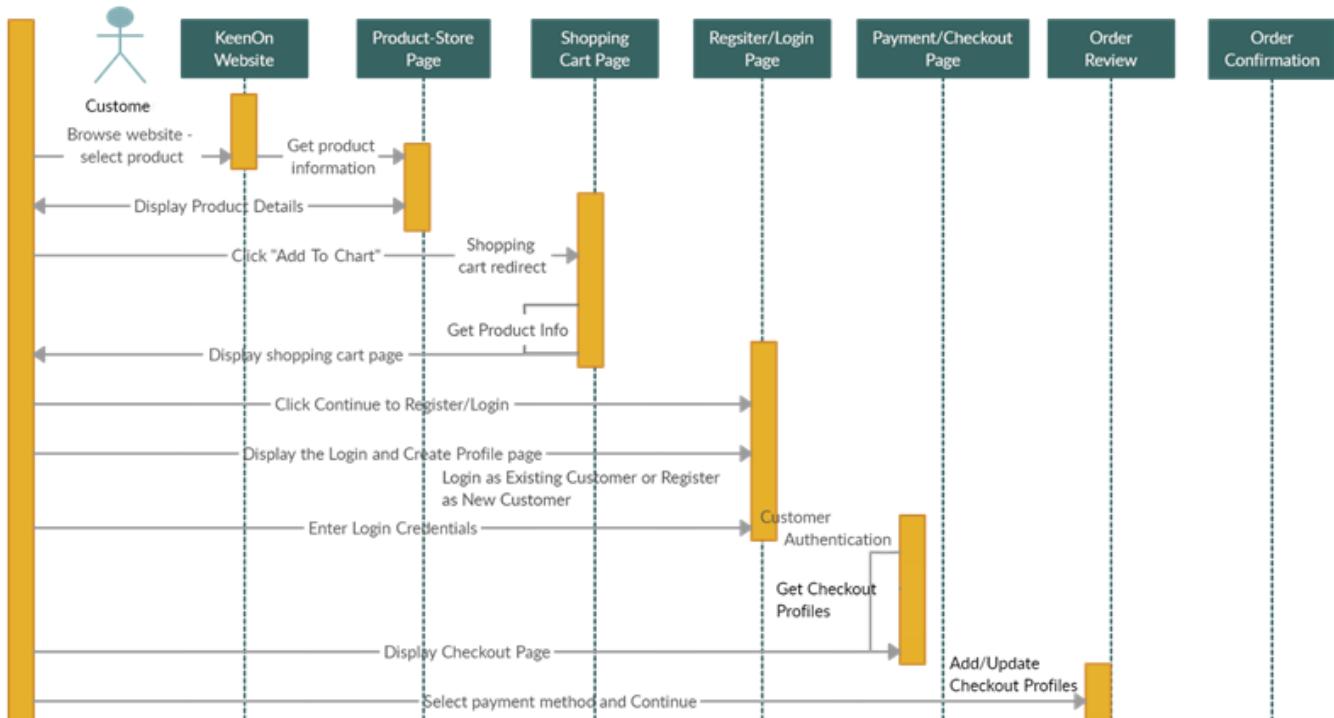
UML-Class Diagram

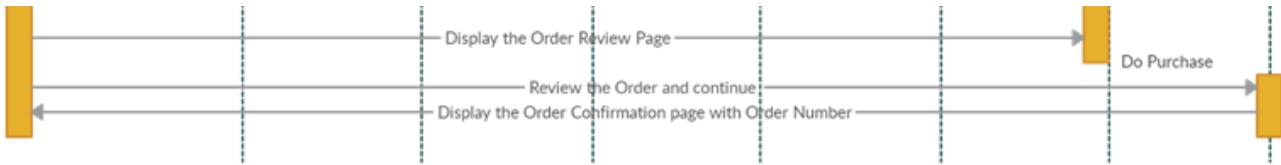


## Context Model

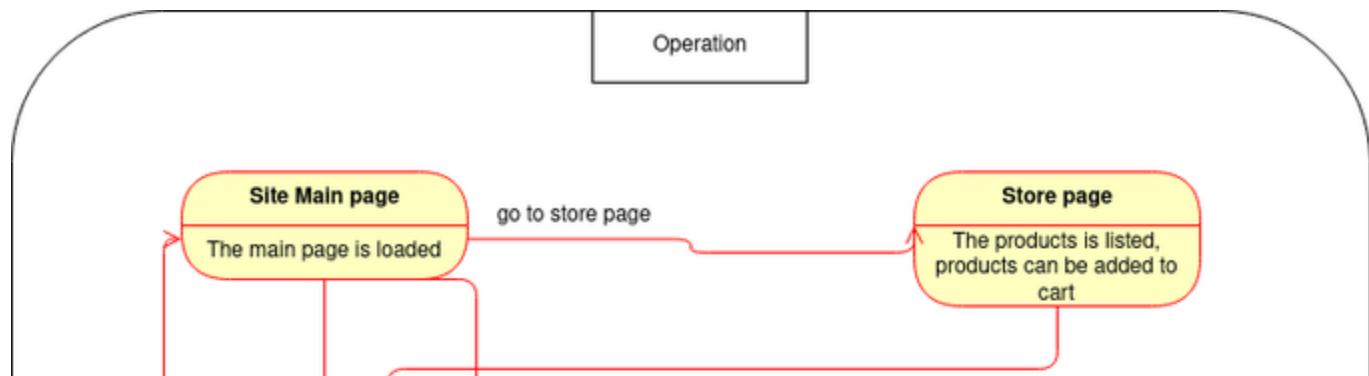
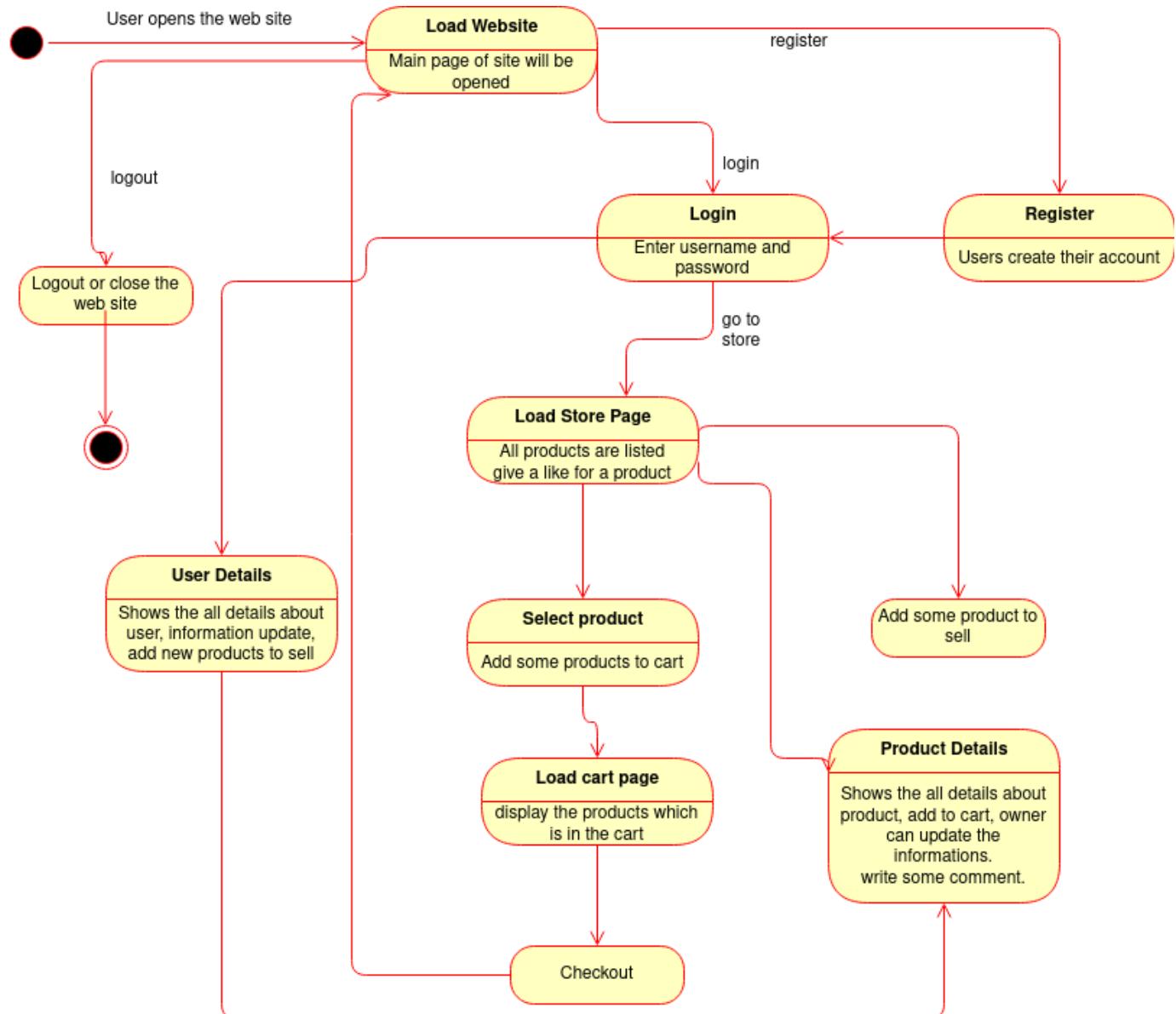


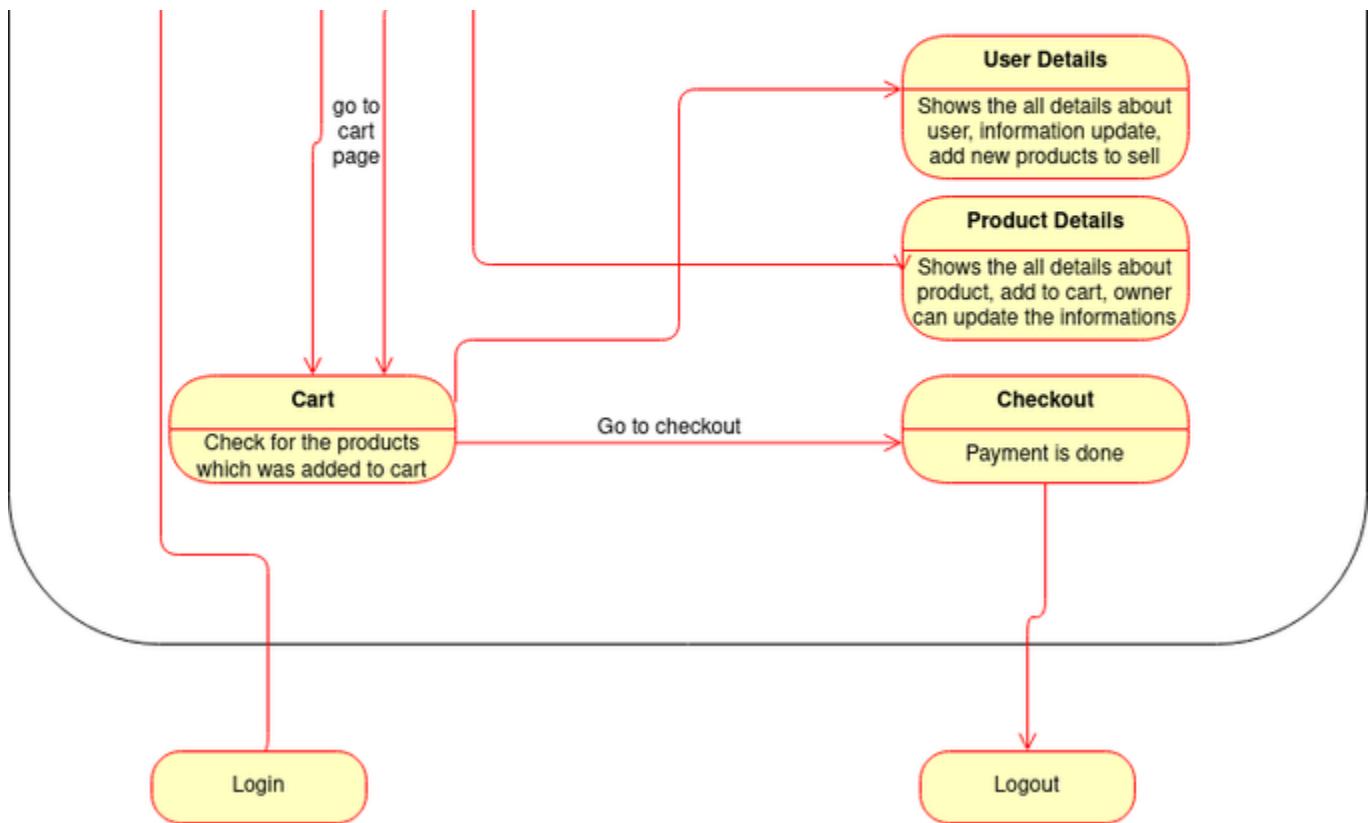
## Sequence Diagram





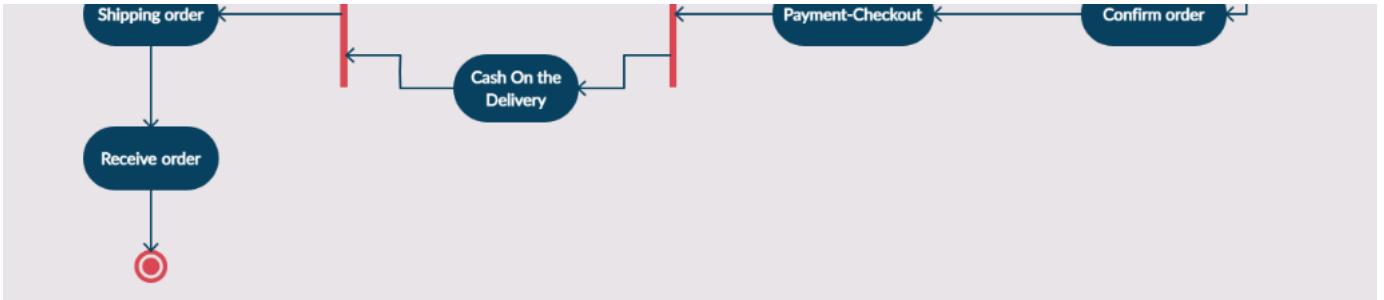
### State Diagrams





Process Model





## Architectural Design Pattern

As description we can say that the display presented to the user frequently changes over time in response to input or computation. Different users have different needs for how they want to view the program information. The system needs to reflect data changes to all users in the way that they want to view them, while making it easy to make changes to the user interface.

So if we can separate the components it can be easy for us.

Our design pattern is MVC. If we mention some advantages we can easily change views and controllers even when its executing, also user interface can be change in runtime so it provides **maintainability**

Django also provides us the Object Relational Mapper so we can transfer the database informations to objects easily by using ORM library which defines the model style in MVC

The framework that we used has protection against the most common security attacks like XSS and CSRF (Cross-Site Request Forgery) attacks, SQL injections, Clickjacking, etc so it provides us **security**

As we decided our system structure is similar to Model-View-Controller firstly lets examine the Model-View-Controller which is common one then we will examine the structure which is specialized for our web application.

## Model-View-Controller

It includes three components which are connected to each other, its also using in many web-based systems.

### Model

Model manages the data logic and rules of the application and it is independent from user interface

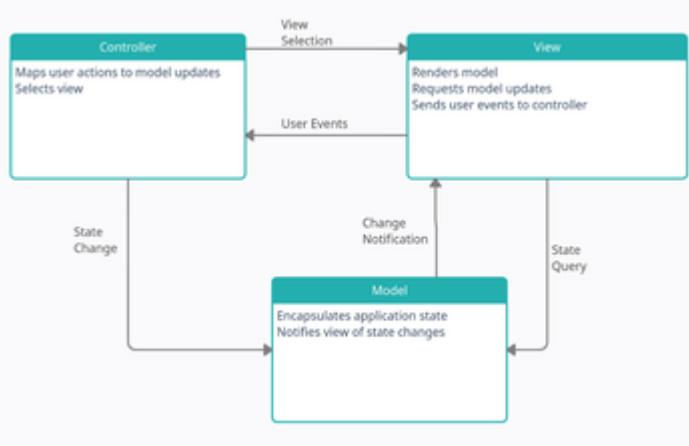
### View

It manages how the data is presented to the user

### Controller

Controller takes inputs and convert it to operate model or view

basically MVC is like diagram below



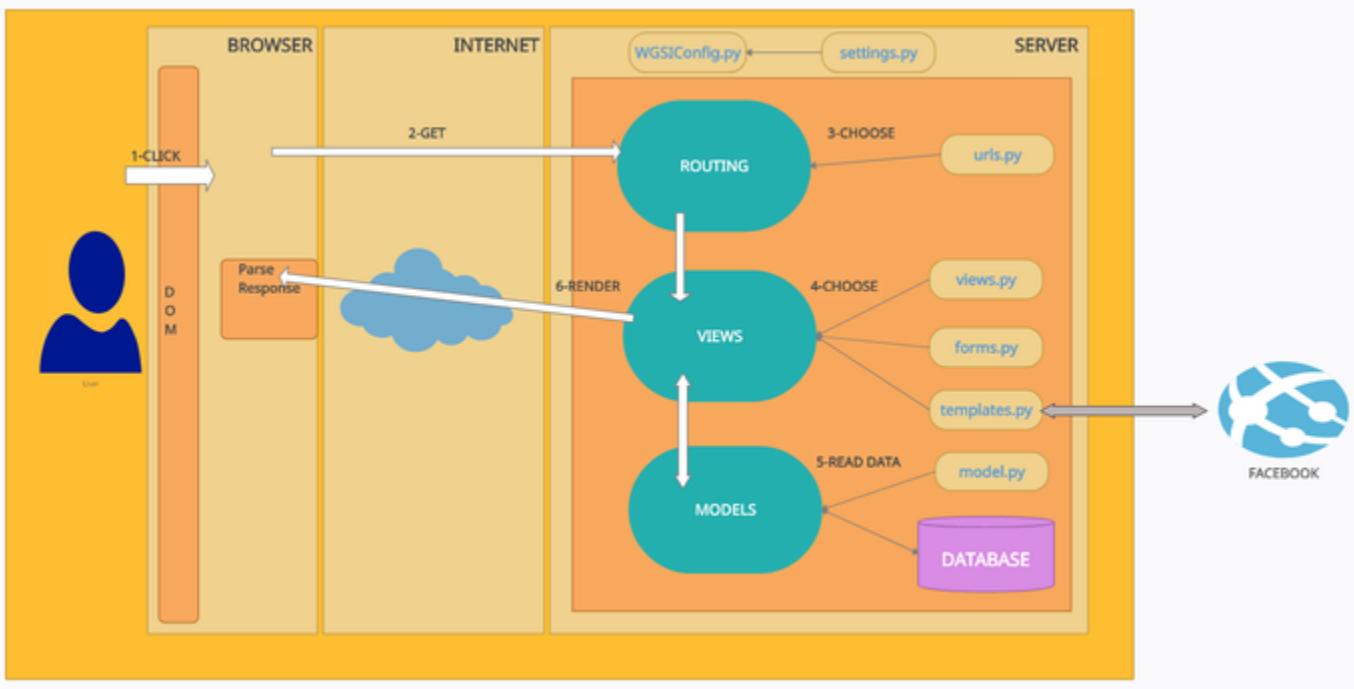
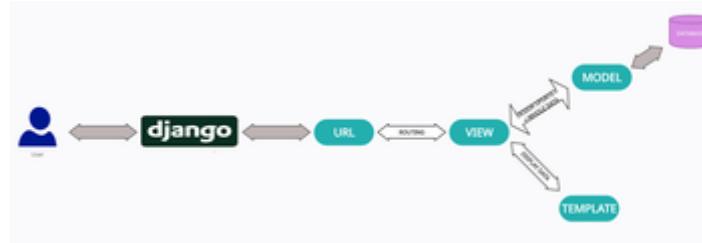
But in our framework which is django It tells MVT Model-View-Template and there are some differences

-Model part is same as the Model in MVC

-View is Template in MVT

-Controller is View in MVT

so basically architecture design is in the below



If we define the system in details it could be showed as below In details

You can see the explanation of the steps below

1-User makes a request

2-Request is received by web server and request passes to django

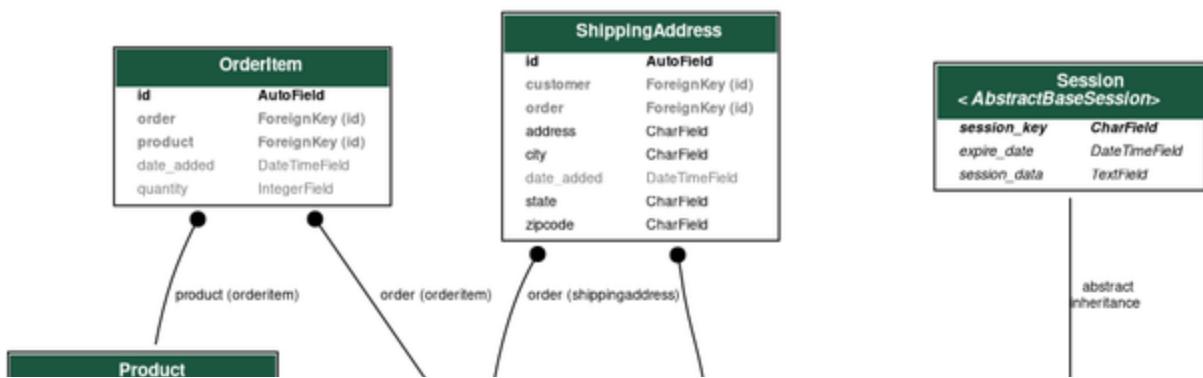
3-Django uses url path to determine which view you will use

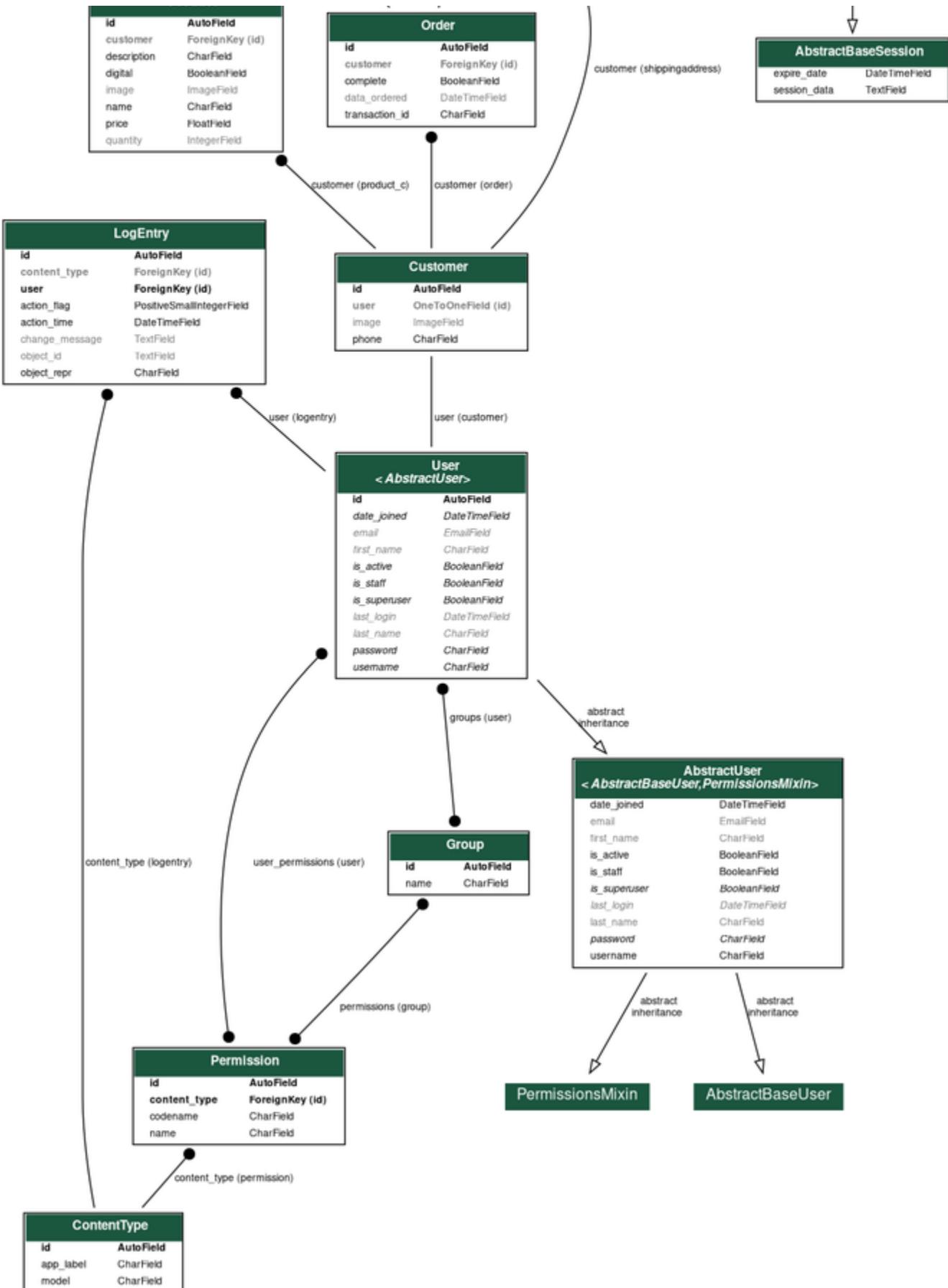
4/5-Your view decides what models are needed and it sends to template

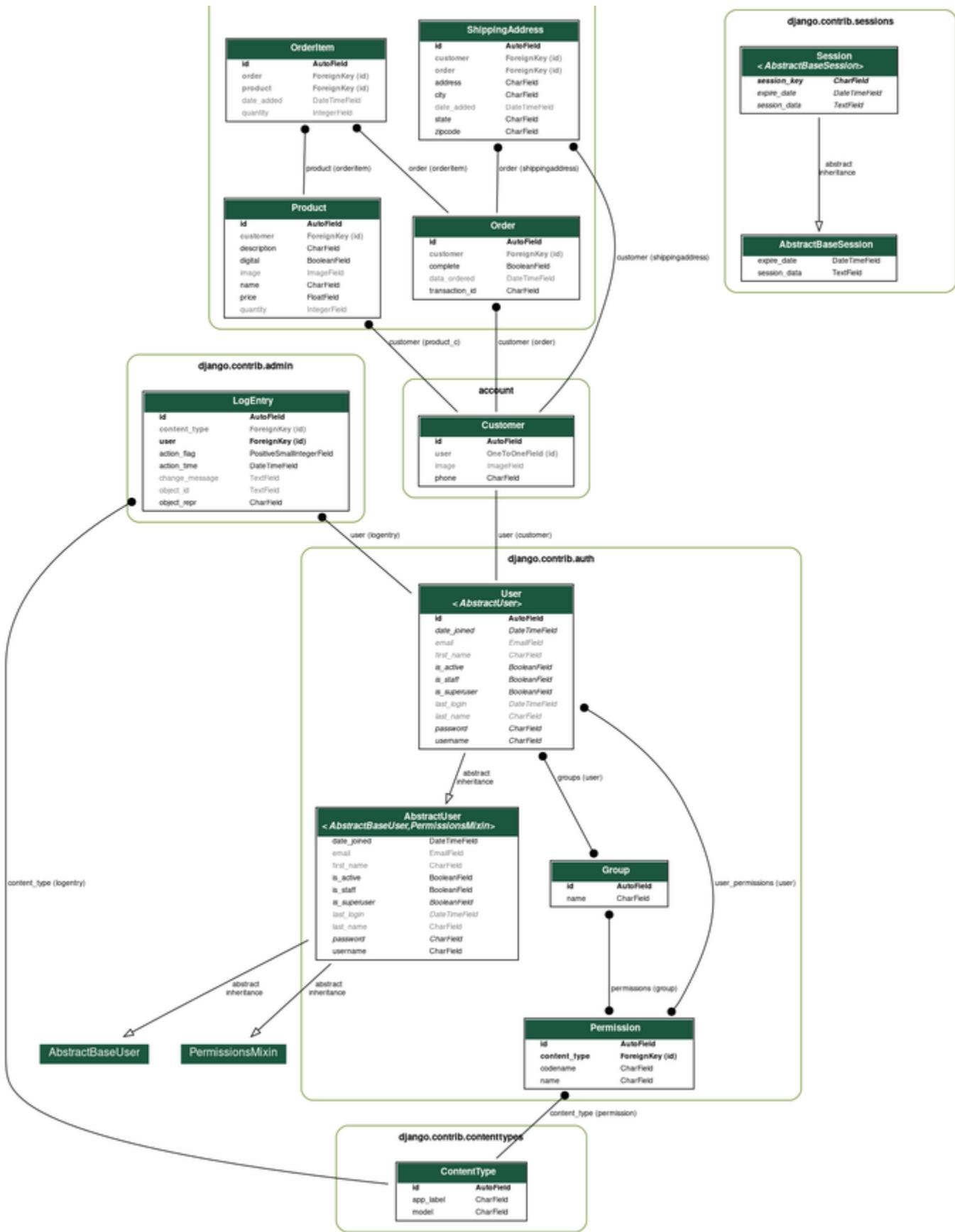
6-Renders page and sends it to client

[Also we integrate it with facebook to get comments like and share features.](#)

UML-Class Diagram Current







Project Dependency Diagram

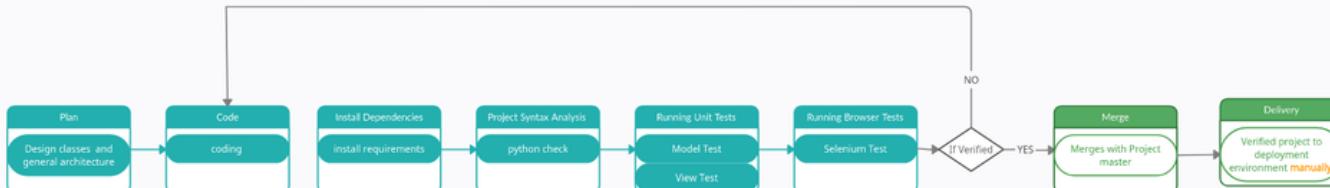


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## Continuous Integration - Continuous Delivery

**Continuous Integration:** provides us automating the integration of code changes from multiple contributors into a single software project. It provides us making changes frequently on master branch without break or violate the tests

**Continuous Delivery:** It is an extension of continuous integration after its done you deliver the project to related environment it can be a web server or an end user.



We already using that kind of thing, we had a docker file it can build project install dependencies and we can run by using docker in our locals then some of our friends informed us about **github action** feature then we used it. It basically same what we have done but as extra it merges immediately if the tests are verified we do extra git push command. The reason of using **docker** at first we thought we can deploy it on amazon servers automatically and we can configure it then there was some problem about configuring servers then we decided to deploy it in python anywhere as we researched we could not automate deployment phase on **python anywhere** because it wants to make charge us with subscription fee.

The phases 3-4-5-6-7 is made automatically, 8 is made manually

### Our Phases:

#### 1- Plan:

- We created a road map
- We decide an idea
- We determined the framework
- We designed our wire frames
- We designed our class structures
- We determined functionalities

#### 2- Code

- We coded the functionalities and everyone interested with their parts
- we generally do not open branch because every one takes different sides of project and they should run together

#### 3- Install Dependencies:

- It makes automatically, it installs the requirements to execute the project

#### **4- Project Syntax Analysis:**

-We run python manage.py check ,checks entire project for potential problems

#### **5- Running Unit Tests:**

-At that stage we test models.py and views.py files for errors

#### **6- Running Browser Tests:**

-We made browser test by using selenium

#### **7- Merge:**

-If the above is verified it commit it to project otherwise it gives error and it wont change the master branch until we fix it

#### **8- Delivery:**

-we do that manually we take the project and put it in pythonanywhere

#### **9-Deployment:**

-We do that manually since we could not find a tool to automate deployment

**You can reach online here, users can access but they can not make payment until we integrate it with a bank-payment system**

<http://keenon.pythonanywhere.com>

#### **Test Cases**

Test ID	Type of Testing	Test	Expected Result	
				<span style="color: green;">✓</span> Verified
				<span style="color: orange;">⚠</span> Not Executed
				<span style="color: red;">✗</span> Couldn't Pass
	Register Requirements	Try with valid email pattern and password	Successfully added to database	<span style="color: orange;">⚠</span> Not Executed
	Register Requirements	Try with same email	Return error or advise login	<span style="color: orange;">⚠</span> Not Executed
	Register Requirements	Try the empty email and password area	Should return error	<span style="color: orange;">⚠</span> Not Executed
	Register Requirements	Try with invalid email pattern	Should return error	<span style="color: orange;">⚠</span> Not Executed
	Register Requirements	Try with unverified email	Should not access the account	<span style="color: orange;">⚠</span> Not Executed
	Register Requirements	Username is NOT NULL	It is important for register entries	
	Login Requirements	Try with valid password and valid e-mail	Authentication is success	<span style="color: orange;">⚠</span> Not Executed
	Login Requirements	Try with invalid password or invalid e-mail	Error should be returned	<span style="color: orange;">⚠</span> Not Executed

	Login Requirements	try to reach to updated account with old password and old e-mail	Error should be returned	Not Executed
	Login Requirements	try to reach to updated account with new old password and old e-mail	Authentication is success	Not Executed
	Login Requirements	try to reach the account which is banned from site	Error should be returned	Not Executed
	Sell Activity Requirements	Enter a product with valid information	Should add it to the database	Not Executed
	Sell Activity Requirements	Enter a product with empty title price or picture	Should return error or ask for the missing parts	Not Executed
	Sell Activity Requirements	Enter a same product from same user	Should return error or should increase the quantity of old product	Not Executed
	Sell Activity Requirements	Can user update the product information	Yes He/she can	Not Executed
	Sell Activity Requirements	Enter wrong pattern information to related part(like try to add string to price place)	It should return error	Not Executed
	Sell Activity Requirements	Try to sell a blocked product	He/she can not do that	Not Executed
	Buy Activity Requirements	Add a product to cart	the product is added to cart successfully	Not Executed
	Buy Activity Requirements	Add the product which is already exist in cart	warn the user then increase the number of product or don't add it again	Not Executed
	Buy Activity Requirements	discard a product from cart	the product is discarded	Not Executed
	Check out Activity Requirements	Try to check out with what she/he have in his/her cart	Should be successfully forward to verify page	Not Executed
	Check out Activity Requirements	Try to check out with an out of stock product.	Should warn the user or should decrease the quantity when user go his/her cart.	Not Executed
	Check out Activity Requirements	If user did not enter his/her address information.	it should be forwarded to profile address information page to enter his/her information.	Not Executed
		Can user delete product from his/her cart.	Yes, it should not be problem.	

	Check out Activity Requirements			<span style="color: orange;">⚠</span> Not Executed
	Profile Activity Requirements	User should update his information	It should be.	<span style="color: orange;">⚠</span> Not Executed
	Profile Activity Requirements	Try to enter invalid data for user information fields(exp. entering number in name field )	It should return error	<span style="color: orange;">⚠</span> Not Executed
	Profile Activity Requirements	Show the information about user and user point.	It should print them.	<span style="color: orange;">⚠</span> Not Executed

## RapidSoft-KeenOn

26 Nov 2020

@ Ali Bahar @ Nevzat Seferoglu @ Ceren Gumus @ Baran Hasan Bozduman

### User Stories

- User wants to register the system so User can operate buy/sell products.

#### Normal

The users enter their information (like password bank information username ) and first the system checks the database to determine if she/he already registered. Otherwise she/he is added to system with a valid password.

#### What can go wrong

If she/he already registered it returns an error message so he/she can try different e-mail.

#### Other activities

The system can send a verification mail.

#### System state on completion

The user has registered an waiting for verification email.

	Requirement	User Story	Importance	Jira Issue
1	FUNDAMENTAL	As a User I want to register to the system So I can use the system	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEENON2020-8">https://rapids0ft.atlassian.net/browse/KEENON2020-8</a>
2	FUNDAMENTAL	As a User I do not want to a second account with same mail So I do not confuse.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-10">https://rapids0ft.atlassian.net/browse/KEON-10</a>
3	FUNDAMENTAL	!!!!!!As a User I want to save my account information So I do not need to fill them again.	MEDIUM	<a href="https://rapids0ft.atlassian.net/browse/KEON-31">https://rapids0ft.atlassian.net/browse/KEON-31</a>
4	OPTIONAL	As a User I want to register with google automatic authentication So I do not have to remember my account mail and password.	LOW	#will be created

- User wants to add item to the cart so he/she can buy the items.

We assumed user logged in.

#### Normal

She/He click the market button on her profile and the items are showed. And user clicks the add chart button for the item that she/he wants enters the quantity .

#### What can go wrong

May be There wont be any item.

#### Other activities

#### System state on completion

The item is added to the user cart

	User Story	Jira Issue
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	Requirement		Importance	
1	FUND AMEN TAL	As a User I want to see what I have in my cart So I can add or delete items from my cart.	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-28">https://rapids0ft.atlassian.net/browse/KEON-28</a>
2	FUND AMEN TAL	As a User I want to see updated version of items So I do not try to buy a ran out item if there is any change with its price I can see .	HIGH	<a href="https://rapids0ft.atlassian.net/browse/KEON-29">https://rapids0ft.atlassian.net/browse/KEON-29</a>

## Back Log

T	Key	Summary	Assignee	Reporter	P	Status	Updated	Epic Link
1	KEENON2020-107	KEENON2020-67 Providing a convenient user interface where the seller can choose and sell the product they want	Ceren Gumus	Ceren Gumus	↑	TO DO	23/Nov/20	
2	KEENON2020-106	KEENON2020-67 The product that the user wants to sell must be added to the database.	Ceren Gumus	Ceren Gumus	↑	TO DO	23/Nov/20	
3	KEENON2020-105	KEENON2020-67 After admin approved the product, The product state changes to approved and put it into the market	Ceren Gumus	Ceren Gumus	↑	TO DO	23/Nov/20	
4	KEENON2020-104	KEENON2020-67 When the user done with entering information, It should set the state of product "Waiting"	Ceren Gumus	Ceren Gumus	↑	TO DO	23/Nov/20	
5	KEENON2020-103	KEENON2020-67 After clicking the sell button, It directs to a template to add product information	Ceren Gumus	Ceren Gumus	↑	TO DO	23/Nov/20	
6	KEENON2020-102	KEENON2020-66 Detailed user interface for accessing product and information	Nevzat Seferoglu	Ceren Gumus	↑	TO DO	23/Nov/20	
7	KEENON2020-101	KEENON2020-66 creating a button for the user to easily add the product to the basket.	Nevzat Seferoglu	Ceren Gumus	↑	TO DO	23/Nov/20	
8	KEENON2020-100	KEENON2020-66 Determining quantity and add to the cart button.	Nevzat Seferoglu	Ceren Gumus	↑	TO DO	23/Nov/20	
9	KEENON2020-99	KEENON2020-66 A template to show product informations that closed by user	Nevzat Seferoglu	Ceren Gumus	↑	TO DO	23/Nov/20	
10	KEENON2020-98	KEENON2020-66 A template to list market items, and a message if there isn't any.	Nevzat Seferoglu	Ceren Gumus	↑	TO DO	23/Nov/20	
11	KEENON2020-97	KEENON2020-65 Relevant database tables should be edited	Baran Hasan Bozduman	Ceren Gumus	↑	TO DO	23/Nov/20	
12	KEENON2020-96	KEENON2020-65 New user information can be updated in the database table	Baran Hasan Bozduman	Ceren Gumus	↑	TO DO	23/Nov/20	
13	KEENON2020-95	KEENON2020-65 Understandable user interface to easily change user information	Baran Hasan Bozduman	Ceren Gumus	↑	TO DO	23/Nov/20	
14	KEENON2020-94	KEENON2020-65 After get user information it should add to the data base successfully	Baran Hasan Bozduman	Ceren Gumus	↑	TO DO	23/Nov/20	
15	KEENON2020-93	KEENON2020-65 A template to get user information someone of them can be changed.	Baran Hasan Bozduman	Ceren Gumus	↑	TO DO	23/Nov/20	
16	KEENON2020-92	KEENON2020-64 If user click the register option direct him/her to registering page.	Ali Bahar	Ceren Gumus	↑	TO DO	23/Nov/20	
17	KEENON2020-91	KEENON2020-64 If user click the login option direct him/her to login page.	Ali Bahar	Ceren Gumus	↑	TO DO	23/Nov/20	

<input checked="" type="checkbox"/>	KEENON2020-91	KEENON2020-64 Provide authentication to the user for both seller and buyer authorizations	Ali Bahar	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-90	KEENON2020-64 Redirecting to product page after the user opens an account	Ali Bahar	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-89	KEENON2020-64 If login is successful direct him/her to account page.	Ali Bahar	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-88	KEENON2020-64 Check the login information in database if there isn't ask again the information or advise register option	Ali Bahar	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-87	KEENON2020-64 A css/html template to get login information.	Ali Bahar	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-86	KEENON2020-8 notify users of systemic errors during registration via popup screens	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-85	KEENON2020-8 Comparing newly added user information with registered ones	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-84	KEENON2020-14 Redirecting to product page after the user opens an account	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-83	KEENON2020-14 Provide authentication to the user for both seller and buyer authorizations	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-82	KEENON2020-14 user information is saved in database table	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-81	KEENON2020-19 Providing a convenient user interface where the seller can choose and sell the product they want	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-80	KEENON2020-19 The product that the user wants to sell must be added to the database.	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-79	KEENON2020-33 Relevant database tables should be edited	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-78	KEENON2020-33 New user information can be updated in the database table	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-77	KEENON2020-33 Understandable user interface to easily change user information	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-76	KEENON2020-23 Detailed user interface for accessing product and information	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-75	KEENON2020-23 creating a button for the user to easily add the product to the basket.	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-74	KEENON2020-27 Unwanted products can be removed	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-73	KEENON2020-27 Information on the purchased product should be directed to the payment point	Baran Hasan Bozduman	Ceren Gumus	<span style="color: orange;">↑</span>	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20

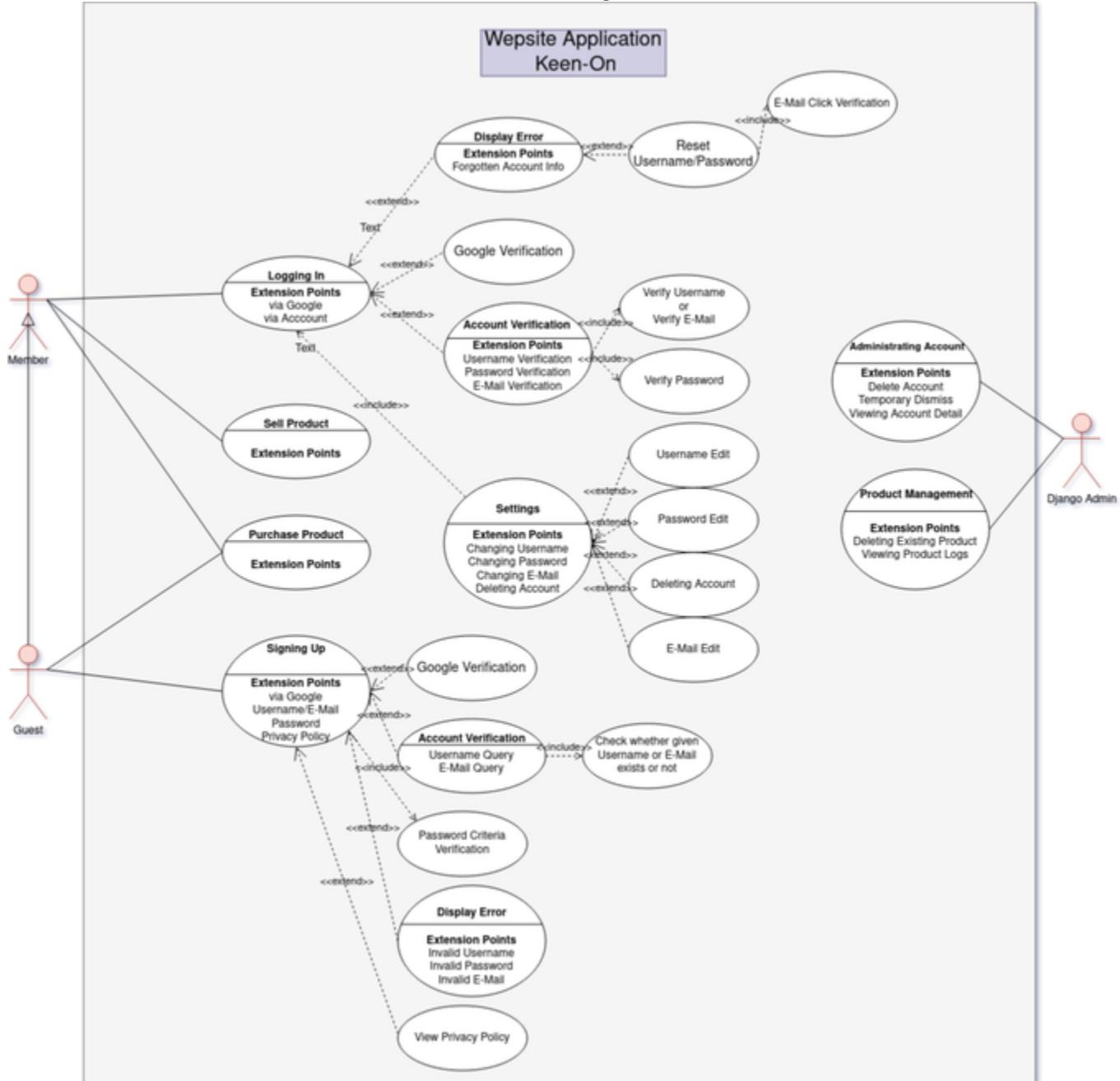
<input checked="" type="checkbox"/>	KEENON2020-72	KEENON2020-27 the basket should show the product received	Baran Hasan Bozduman	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-70	KEENON2020-27 The contents of the basket must be registered in the database table.	Baran Hasan Bozduman	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	23/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-67	Product information and sell activities	Ceren Gumus	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	23/Nov/20	<span style="border: 1px solid #ccc; padding: 2px; border-radius: 5px;">Sell Activity</span>
<input checked="" type="checkbox"/>	KEENON2020-66	checkout page	Nevzat Seferoglu	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	18/Nov/20	<span style="border: 1px solid #ccc; padding: 2px; border-radius: 5px;">Buy Activity</span>
<input checked="" type="checkbox"/>	KEENON2020-65	Cart Page and User interface design	Baran Hasan Bozduman	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	18/Nov/20	<span style="border: 1px solid #ccc; padding: 2px; border-radius: 5px;">User Information</span>
<input checked="" type="checkbox"/>	KEENON2020-64	Register and User login	Ali Bahar	Ceren Gumus	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	18/Nov/20	<span style="border: 1px solid #ccc; padding: 2px; border-radius: 5px;">Login Activity</span>
<input checked="" type="checkbox"/>	KEENON2020-61	Checkout Front-end initialize	Ali Bahar	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	17/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-60	Cart Front-end initialize	Nevzat Seferoglu	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	17/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-59	UML Diagram Part2	Baran Hasan Bozduman	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	17/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-57	Sequential Diagram	Unassigned	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">TO DO</span>	16/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-56	UML Diagram Part1	Ceren Gumus	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	17/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-55	Swot analysis or canvas model	Baran Hasan Bozduman	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-54	Feasibility analysis	Baran Hasan Bozduman	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-53	Non-Functional Requirements	Ceren Gumus	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-52	Functional Requirements	Ceren Gumus	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-51	System Requirements	Nevzat Seferoglu	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-50	Use case Diagram	Nevzat Seferoglu	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	03/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-49	Module diagram	Ali Bahar	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	03/Nov/20	
<input checked="" type="checkbox"/>	KEENON2020-48	User Requirements	Ali Bahar	Baran Hasan Bozduman	<span style="border: 1px solid #ccc; padding: 2px;">DONE</span>	07/Nov/20	

Bozduman						
✚ KEENON2020-46	related with user information	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	17/Nov/20	
✚ KEENON2020-45	User wants to check out	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	28/Oct/20	
✚ KEENON2020-44	User wants to buy something	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	17/Nov/20	
✚ KEENON2020-43	User wants to sell some items	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	23/Nov/20	
✚ KEENON2020-42	User wants to login to the system with email and password	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	17/Nov/20	
✚ KEENON2020-41	The user wants to register to the system	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	28/Oct/20	
✚ KEENON2020-40	some edit on readme.md	Nevzat Seferoglu	Baran Hasan Bozduman	⬆️ DONE	29/Oct/20	
✚ KEENON2020-39	The tutorial will be watched and practice as you can.	Ceren Gumus	Baran Hasan Bozduman	⬆️ DONE	31/Oct/20	
✚ KEENON2020-38	The tutorial will be watched and practice as you can	Nevzat Seferoglu	Baran Hasan Bozduman	⬆️ DONE	31/Oct/20	
✚ KEENON2020-37	The tutorial will be watched and practice as you can.	Ali Bahar	Baran Hasan Bozduman	⬆️ DONE	30/Oct/20	
✚ KEENON2020-36	The tutorial will be watched and practice as you can.	Baran Hasan Bozduman	Baran Hasan Bozduman	⬆️ DONE	31/Oct/20	
✚ KEENON2020-35	KEENON2020-33 After get user information it should add to the data base successfully	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	25/Oct/20	
✚ KEENON2020-34	KEENON2020-33 A template to get user information someone of them can be changed.	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	25/Oct/20	
✚ KEENON2020-33	User wants to update account information to give order.	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	29/Oct/20	User Information
✚ KEENON2020-32	KEENON2020-27 After user verify it forwards to the payment section	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	25/Oct/20	
✚ KEENON2020-31	KEENON2020-27 if user didn't enter his/her information he/she should forward to the account settings, user address page	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	23/Nov/20	
✚ KEENON2020-30	KEENON2020-27 I verify page before user checking out	Unassigned	Baran Hasan Bozduman	⬆️ TO DO	28/Oct/20	
✚ KEENON2020-29	KEENON2020-27 Check activities like product quantity, user address	Unassigned	Baran Hasan	⬆️ TO DO	23/Nov/20	

Bozduman						
KEENON2020-28	KEENON2020-27 A template for cart page	Unassigned	Baran Hasan Bozduman	TO DO	23/Nov/20	
KEENON2020-27	User wants to check out so he/she can buy whats inside of his/her cart.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	Check out Activity
KEENON2020-26	KEENON2020-23 Determining quantity and add to the cart button.	Unassigned	Baran Hasan Bozduman	TO DO	25/Oct/20	
KEENON2020-25	KEENON2020-23 A template to show product informations thats chosed by user	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-24	KEENON2020-23 A template to list market items, and a message if there isn't any.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-23	User wants to add item to the cart so he/she can buy the items.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	Buy Activity
KEENON2020-22	KEENON2020-19 After admin approved the product, The product state changes to approved and put it into the market	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-21	KEENON2020-19 When the user done with entering information, It should set the state of product "Waiting"	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-20	KEENON2020-19 After clicking the sell button. It directs to a template to add product information	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-19	User wants to sell item so he/she can earn money.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	Sell Activity
KEENON2020-18	KEENON2020-14 If login is successful direct him/her to account page.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-17	KEENON2020-14 If user click the register option direct him/her to registering page.	Unassigned	Baran Hasan Bozduman	TO DO	25/Oct/20	
KEENON2020-16	KEENON2020-14 Check the login information in database if there isn't ask again the information or advise register option	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	
KEENON2020-15	KEENON2020-14 A css/html template to get login information.	Unassigned	Baran Hasan Bozduman	TO DO	25/Oct/20	
KEENON2020-14	User wants to login his/her account so user can buy/sell operations.	Unassigned	Baran Hasan Bozduman	TO DO	28/Oct/20	Login Activity
KEENON2020-13	KEENON2020-8 Direct user to his/her profile	Unassigned	Baran Hasan Bozduman	TO DO	25/Oct/20	
KEENON2020-12	KEENON2020-8 If user does not exist, put information into database	Unassigned	Baran Hasan Bozduman	TO DO	25/Oct/20	
KEENON2020-	KEENON2020-8 Return error If user exists already	Unassigned	Baran	TO DO	25/Oct/20	

<input checked="" type="checkbox"/>	KEENON2020-10	KEENON2020-8 Check the user if there is any same e-mail	Unassigned	Baran Hasan Bozduman	<span style="color: red;">↑</span>	TO DO	23/Nov/20
<input checked="" type="checkbox"/>	KEENON2020-9	KEENON2020-8 Creating html/css template to get information	Unassigned	Baran Hasan Bozduman	<span style="color: red;">↑</span>	TO DO	25/Oct/20
<input checked="" type="checkbox"/>	KEENON2020-8	User wants to register the system so User can operate buy/sell products.	Unassigned	Baran Hasan Bozduman	<span style="color: red;">↑</span>	TO DO	23/Nov/20

## Use Case Diagram



## GRAPHICAL INTERFACE

Account



Home Products About Account

Login Register

Username

Password

[Forgot password](#)



# KEEN-ON

## Home Page

KEEN-ON

Home Products About Account

## Keen-on

Software 343 project main page

[Explore More](#)

## Products

### Products



Ivory Resin Necklace

★★★☆☆

[Add to Cart](#)

[Details](#)



Acrylic Table

★★★☆☆

[Add to Cart](#)

[Details](#)



Handmade Kite

★★★☆☆

[Add to Cart](#)

[Details](#)



Bonsai Tree

★★★☆☆

[Add to Cart](#)

[Details](#)



Handmade Doll

★★★☆☆

[Add to Cart](#)

[Details](#)



Butterfly

★★★☆☆

[Add to Cart](#)

[Details](#)

### Latest Products





**Book Mark**

★★★☆☆

Add to Cart Details

5.00€



**Sticker**

★★★☆☆

Add to Cart Details

1.00€

---

**Latest Products**



**T-Shirt**

★★★★☆

price

Baran Hasan BOZDUMAN


[GitHub](#)
  


Nevzat SIEFEROGLU


[GitHub](#)
  


Ceren GUMUS


[GitHub](#)
  


Ali Bahar


[GitHub](#)
  


[Project Details](#)

## Store Page

KELIM-ON
Home
Products
About
Account
Cart 

---

**Latest Products**



**T-Shirt**

price



**T-Shirt**

price



**T-Shirt**

price



**T-Shirt**

price



**T-Shirt**

price



**T-Shirt**

price

**Products**











**T-Shirt**

price



**T-Shirt**

price

**Products**



**Epoxy Resin Necklace**

Add to Cart Details



**Acrylic Table**

Add to Cart Details



**Handmade Kite**

Add to Cart Details



**Bonsai Tree**

Add to Cart Details



### Product Details

 Home Products About Account 



Home / Necklace

## Epoxy Necklace

\$50.00

[Add To Cart](#)

[PRODUCT DETAILS](#)

...

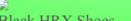
[View More](#)

**Related Products**



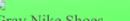
Black Sportx Watch

\$133.00



Black HRX Shoes

\$30.00



Gray Nike Shoes

\$35.00



HRX Black Trackpants

\$75.00

### Profile

 Home Products About Account 



Michael Halls - Profile

Lorem ipsum dolor sit amet ctetur adicing elit, sed do eiusmod tempor incididunt

[Edit](#) [Orders](#) [My Store](#)

User Popularity

Address

...

E-mail

Bonsai, Necklaces

Phone Number

+905...

E-mail

...@.mail.com

### Cart

KELA-ON

Home Products About Account

[--- Continue Shopping](#)

Items: 7 Total: ₺199.97 [Checkout](#)

Item	Price	Quantity	Total
	₺59.99	x3	₺179.97
	₺5.00	x4	₺20.0

### Checkout

KELA-ON

Home Products About Account

CHECKOUT

İsim, Soyisim  
Telefon Numarası  
Teklif Tutarı  
Adres Bilgisi  
Açıklama

[TEKLIF ET](#)

### Test Cases

Test ID (img)	Type of Testing	Test	Expected Result
			Verified
			Not Executed
			Couldn't Pass
	Register Requirements	Try with valid email pattern and password	Not Executed

	Register Requirements	Try with same email	Return error or advise login	Not Executed
	Register Requirements	Try the empty email and password area	Should return error	Not Executed
	Register Requirements	Try with invalid email pattern	Should return error	Not Executed
	Register Requirements	Try with unverified email	Should not access the account	Not Executed
	Register Requirements	Username is NOT NULL	It is important for register entries	Not Executed
	Login Requirements	Try with valid password and valid e-mail	Authentication is success	Not Executed
	Login Requirements	Try with invalid password or invalid e-mail	Error should be returned	Not Executed
	Login Requirements	try to reach to updated account with old password and old e-mail	Error should be returned	Not Executed
	Login Requirements	try to reach to updated account with new old password and old e-mail	Authentication is success	Not Executed
	Login Requirements	try to reach the account which is banned from site	Error should be returned	Not Executed
	Sell Activity Requirements	Enter a product with valid information	Should add it to the database	Not Executed
	Sell Activity Requirements	Enter a product with empty title price or picture	Should return error or ask for the missing parts	Not Executed
	Sell Activity Requirements	Enter a same product from same user	Should return error or should increase the quantity of old product	Not Executed
	Sell Activity Requirements	Can user update the product information	Yes He/she can	Not Executed
	Sell Activity Requirements	Enter wrong pattern information to related part (like try to add string to price place)	It should return error	Not Executed
	Sell Activity Requirements	Try to sell a blocked product	He/she can not do that	Not Executed
	Buy Activity Requirements	Add a product to cart	the product is added to cart successfully	Not Executed

	Buy Activity Requirements	Add the product which is already exist in cart	warn the user then increase the number of product or don't add it again	Not Executed
	Buy Activity Requirements	discard a product from cart	the product is discarded	Not Executed
	Check out Activity Requirements	Try to check out with what she/he have in his/her cart	Should be successfully forward to verify page	Not Executed
	Check out Activity Requirements	Try to check out with an out of stock product.	Should warn the user or should decrease the quantity when user go his/her cart.	Not Executed
	Check out Activity Requirements	If user did not enter his/her address information.	it should be forwarded to profile address information page to enter his/her information.	Not Executed
	Check out Activity Requirements	Can user delete product from his/her cart.	Yes, it should not be problem.	Not Executed
	Profile Activity Requirements	User should update his information	It should be.	Not Executed
	Profile Activity Requirements	Try to enter invalid data for user information fields(exp. entering number in name field )	It should return error	Not Executed
	Profile Activity Requirements	Show the information about user and user point.	It should print them.	Not Executed

## TASKS

(Please mention if there is a change in the UML diagrams that you presented),

Persons	TASK1	TASK2	TASK3
@ Ali Bahar	• 3.a: Context Model (Fig. 5.1, Ch. 7.1)	• 3.f: State Diagrams (Ch. 5.4.2 and Fig. 5.17)	
@ Ceren Gumus	• At least one well-defined user story and its related scenarios (book chapter 4.3.2.)	Process Model (Fig. 5.2.),	Sequence diagrams for major state changes or activities defined in 3.c.
@ Nevzat Seferoglu	• Use-case diagrams and their detailed tables (Fig. 5.5, Fig. 7.2., Fig. 7.3.)	• Test reports	
@ Baran Hasan Bozduman	• Simple System Architecture Document which clearly explains the selected model and its advantages for the projects. Enrich your document with diagrams (Fig. 7.4) a. If you use one, explain the selected design pattern(s) (Extra credit)		

### Tasks

Project backlog document with task priorities and their rationales.

??? Working Graphical Interface and its backend services

### Assigned

**At** least one well-defined user story and its related scenarios (You must present this information in a formal manner. You may want to refer to the book chapter 4.3.2.)

Project backlog document with task priorities and their rationales.

c. Use-case diagrams and their detailed tables (Fig. 5.5, Fig. 7.2., Fig. 7.3.)  
Test reports

Process Model (Fig. 5.2.),

Sequence diagrams for major state changes or activities defined in 3.c.

3.a: Context Model (Fig. 5.1, Ch. 7.1)

3.f: State Diagrams (Ch. 5.4.2 and Fig. 5.17)

Simple System Architecture Document which clearly explains the selected model and its advantages for the projects. Enrich your document with diagrams (Fig. 7.4)

a. If you use one, explain the selected design pattern(s) (Extra credit)

e. Class Diagrams (Ch. 5.3.1, Fig. 7.6)