

Milestone 1

Executive Summary

This project aims to create an online co learning platform. This platform will consist of learning spaces which are created by users. Geeksforgeeks.org is taken as a base model for this co learning platform.

For the first milestone, requirements are determined. Non-functional requirements are not clear in this stage. Non-functional requirements may be added or changed. According to current requirements, some mockup screens are created, use case and class diagrams are generated. Additional mockup screens may be created and changed due to change of requirements. A draft project schedule is prepared, some adjustments may require. The contents created are added to Github Wiki page.

List and Status of Deliverables

1. Executive Summary
2. Mockup Screens
In first stage, mockup screens are created for Home, Sign in, Sign up and Profile pages.
3. Requirements
Requirements are determined. Non-functional requirements may be added or changed.
4. Use Case and Class Diagrams
Use case and class diagrams are generated according to current requirements.
5. Project Schedule
A draft project schedule is created.
6. URL of Github Wiki Page
The contents created are uploaded to Github Wiki page.

Mockup Screens

Home Page

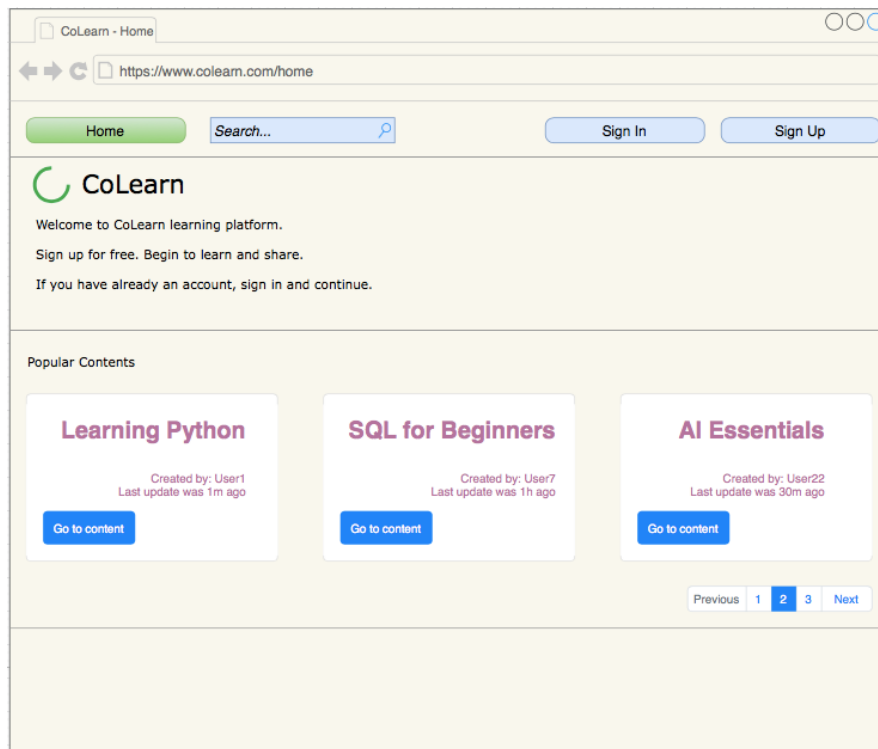


Figure 1. Home Page Mockup Screen

Sign up Page

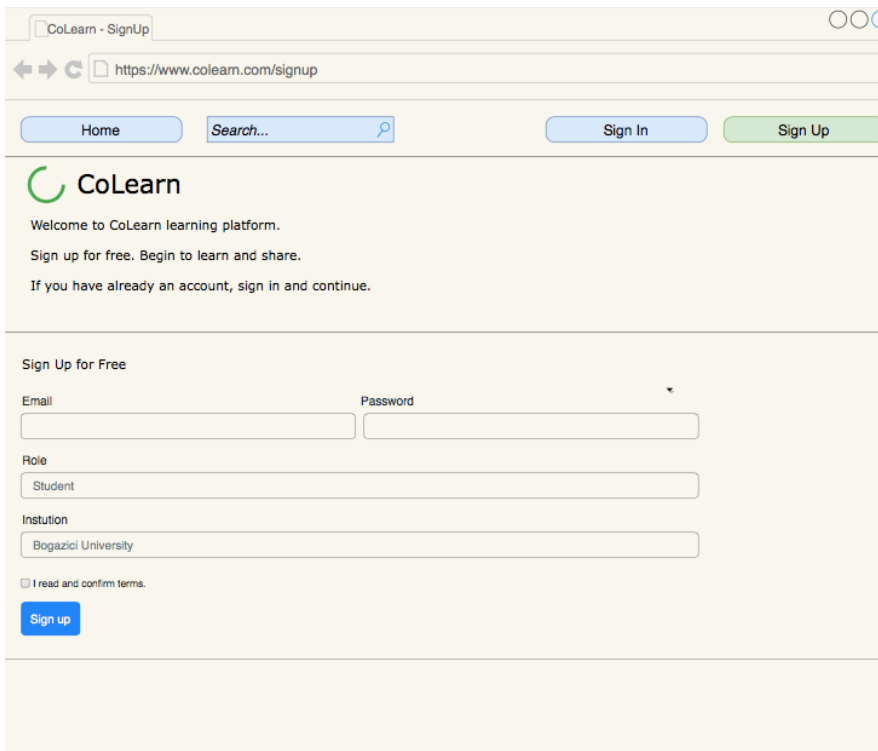


Figure 2. Sign up Page Mockup Screen

Sign in Page

CoLearn - Signin

https://www.colearn.com/signin

Home Search... Sign In Sign Up

CoLearn

Welcome to CoLearn learning platform.

Sign up for free. Begin to learn and share.

If you have already an account, sign in and continue.

Sign In

Email Password

Sign in

Figure 3. Sign in Page Mockup Screen

Profile Page

CoLearn - Profile

https://www.colearn.com/username

Home Search... Messages 3 Profile Log Out

UserName

Institution: Bogazici University

Role: MSc Student

Interest Areas: #Python, #DataAnalysis

Summary:

Beginner Intermediate Professional Expert

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About

Created Contents	
Content1	28 Views
Content2	5 Views
Content3	3 Views
Content4	7 Views

Figure 4. Profile Page Mockup Screen

Requirements

1. The platform shall be compatible with only web-based browsers not mobile applications.
2. Registration and usage of platform will be completely free.
3. Users shall register using e-mail address and password.
4. System shall allow users to add their occupation and institution during registration.
5. Users will be required to accept the terms of service in registration.
6. Users will be required to verify their e-mail addresses.
7. Users will have unique usernames.
8. Users will be able to edit their profiles according to their point of interests.
9. Users will be required to select 5 interest areas after registration.
10. The system shall show relevant contents to user in the home page.
11. The system shall show popular contents to user in the home page.
12. Users will be able to create new contents.
13. Users will be able to add tags to contents.
14. Users will be able to search contents on the platform.
15. Users will be encouraged to make contributions to the platform.
16. Users will have a rank according to feedbacks of other users and their contributions.
17. Users will be able to send direct messages to other users.
18. Users will be able to like/ dislike the content, make comment or give feedback to contents.
19. Users will be able to ask questions on the contents.
20. Users will be able to respond the questions on the contents.
21. Visual contents will be available on the platform.
22. System will allow users to download and upload content on the platform.
23. System will allow content creators to create quizzes.

Use Case Diagram

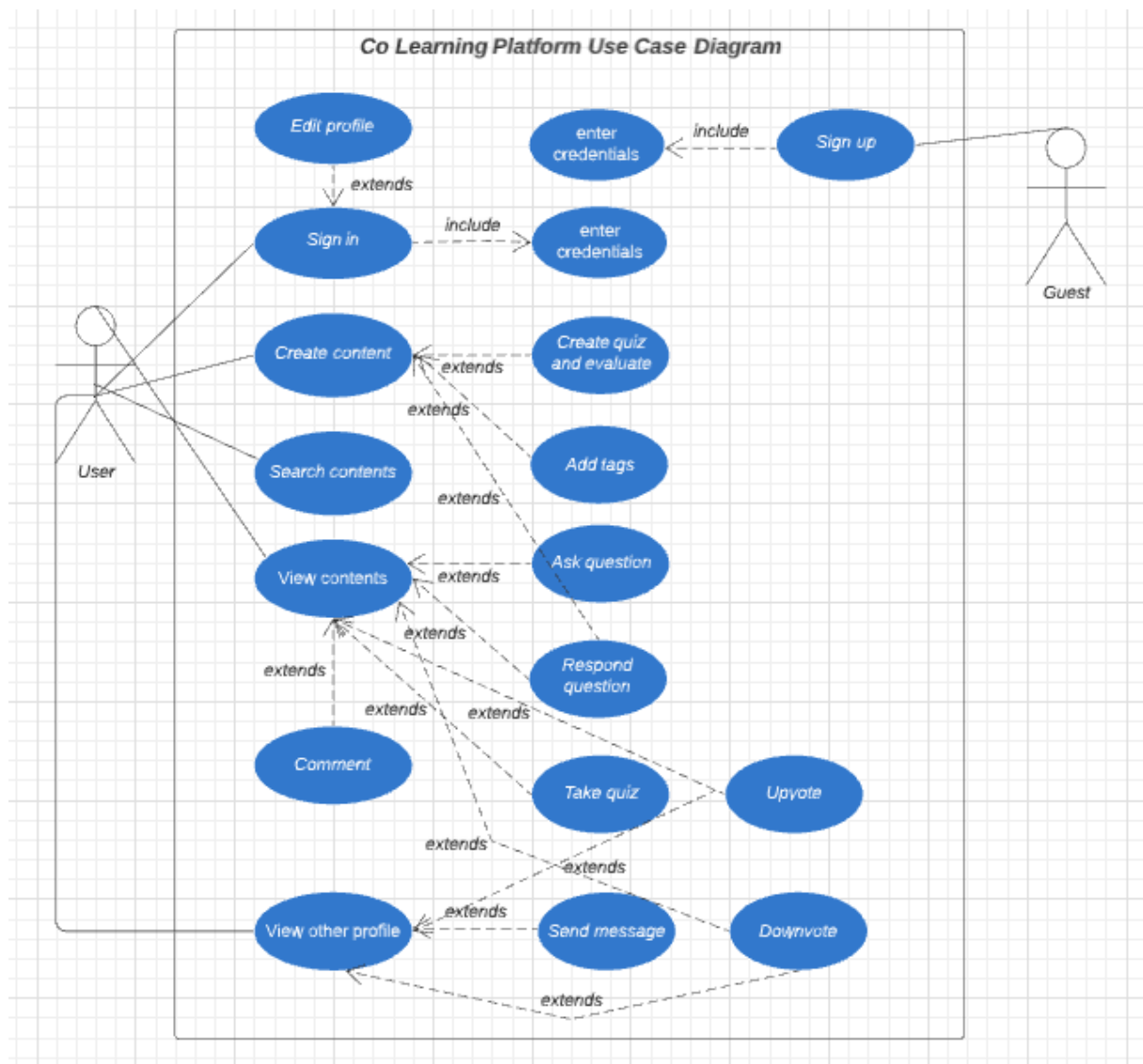


Figure 5. Use Case Diagram

Class Diagram

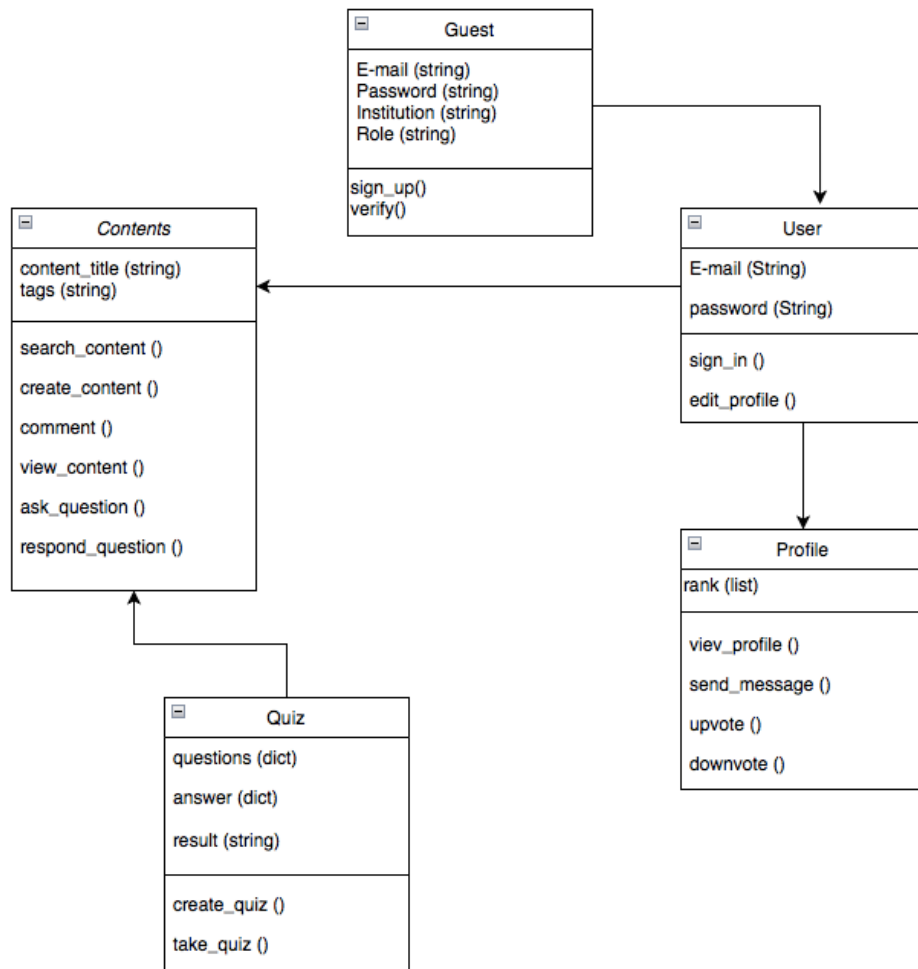
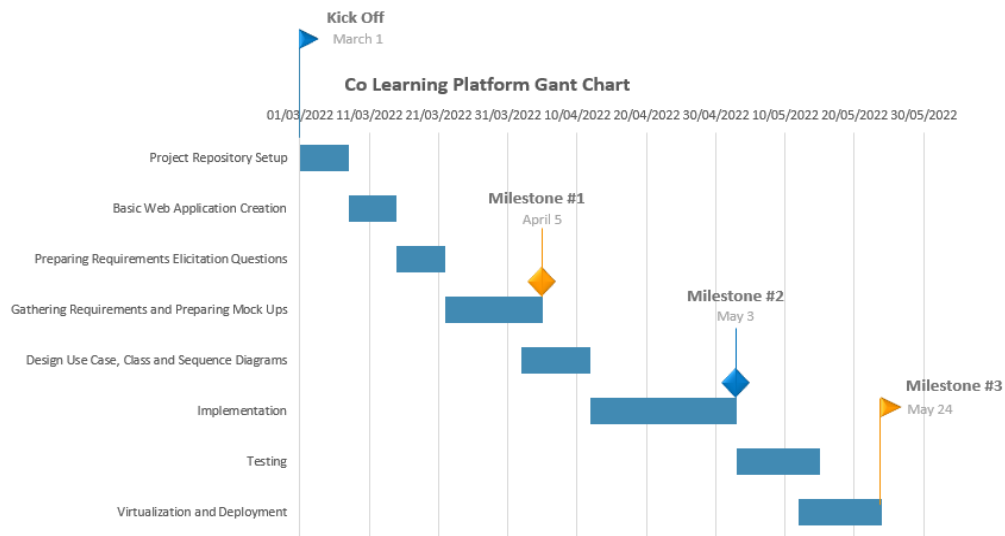


Figure 6. Class Diagram

Project Schedule



URL of Github Wiki Page

Requirements, Mockup Screens:

<https://github.com/melihcanoner/bounswe573-2022/wiki/Week-4:-Requirements-and-Mock-Up-Screens>

UML Diagrams, Project Schedule:

<https://github.com/melihcanoner/bounswe573-2022/wiki/Week-5:-UML-Diagrams,-Project-Schedule,-Project-Summary>