

LearnTogether (Co-Learning Platform)

1st Milestone Report

Executive Summary

The aim of the project is to develop a co-learning web application, which will allow people to create spaces and contents in order to share knowledge. People will create accounts by their email addresses and own a nickname to complete their profile.

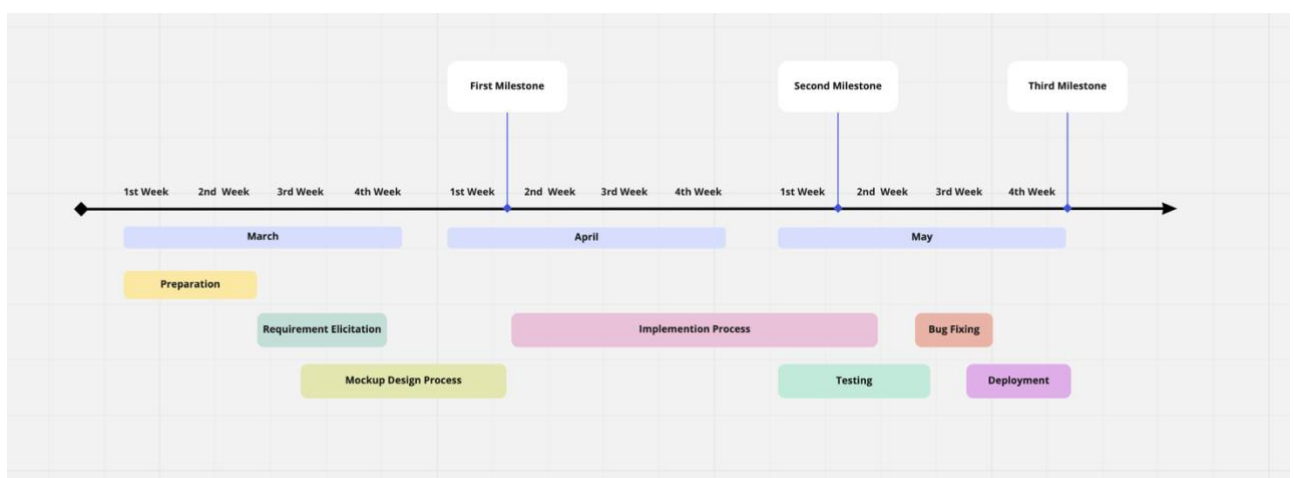
Spaces will be used as a sub-area inside the web platform to host the contents which are related to a specific main topic. For instance, users will be able to create a space called *iOS development* and all the created content inside will be related to this main topic.

The quality of the contents will be evaluated by the other users via upvotes or dislikes and they will also be able to leave comments and reply other people's comments. Different types of contents can be shared by the users such as videos, images, quizzes or text-based posts. Each content will have tags to specify the areas that this content is related to. Tags will be used search content inside the platform.

Deliverables and Their Status

- **Scenarios and Mockups:** Mockup screens and scenarios are prepared by using InVision.
- **Software Requirements Specification:** Requirements of the project is prepared.
- **UML Diagrams:** Use case diagram is created. Class diagram will be created as well while deciding on the architecture of the web application.
- **Project Plan:** General project timeline is created and can be adjusted according to the development process.
- **GitHub Wiki Pages:** Wiki pages are updated according to the necessary contents.

Project Timeline



Requirement List

A) Sign Up and Login Flow

1. Users shall be able to sign up with a nickname, an e-mail address, a password and an avatar.
2. Users shall be able to login by using their e-mail addresses and passwords.
3. Users shall request their current password to their e-mail addresses if they forgot their password.
4. Users shall be able to logout from the system.
5. System shall check for the uniqueness of the e-mails and nicknames and shall not allow users signing up with an existing e-mail address or a nickname.

B) Profile Page

6. Users shall have a profile page.
7. Users shall be able to view other users' profile pages.
8. Profile pages shall contain username, avatar, email, password, bio, interested areas, reputation, joined spaces and taken quizzes.
9. Users shall be able to edit their username, bio, avatar, email and password.

C) Spaces and Contents

10. Users shall be able to create spaces for a desired subject.
11. Users shall determine space name, space description and subject tags related to that area while creating a new space.
12. Users shall be able to join a space.
13. Users shall create posts inside the spaces they have joined or created.
14. Users shall be able to comment for a post, if they have joined to the space where this post is shared.
15. Users shall be able to like or dislike a post and give reputation star to the content creator user, if they have joined to the space where this post is shared.
16. Users shall be able to create text-based posts, posts with videos and posts with images.
17. Users shall be able to create quizzes with multiple choice answers.
18. Users shall be able to take quizzes that are created by other users.
19. Users shall select what type of post they want to create from a dropdown list while creating a new post.
20. Text based posts shall have a title and a description text.
21. Video posts shall have a title, a description text and a video.
22. Image posts shall have a title, a description text and an image.
23. Quizzes shall have questions with multiple-choice answers.
24. Users shall select subject tags that are related to this post while creating a post.
25. Users shall be able to add prerequisite subjects and subject related tags to their posts.
26. Users shall be able to edit any posts.
27. Posts shall have an edit history and all users shall be able to view the history.
28. Only post owners and admin users shall be able to delete a post.
29. Admin users shall be able to delete a space, a post or a comment.
30. Users shall be able to position a content as a following of another content or ahead of another content.

D) Discussion Rooms

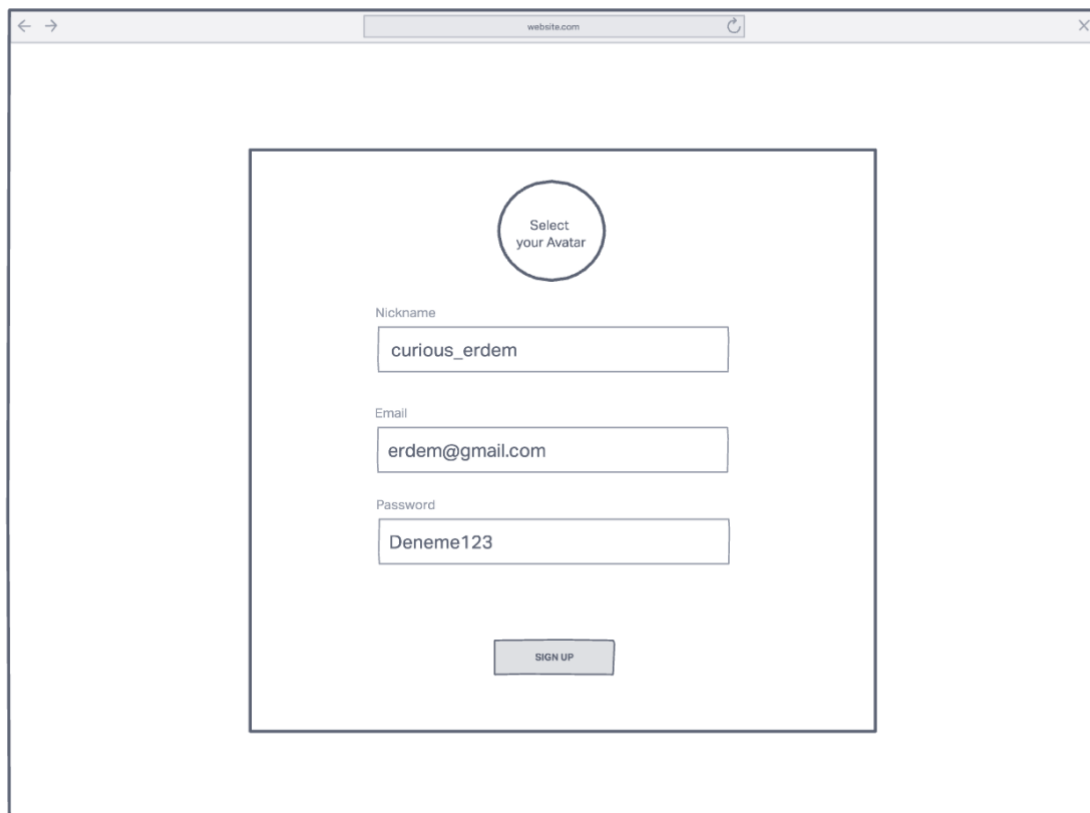
- 31. Users shall be able to join discussion rooms.
- 32. Each discussion room shall have a title and a description.
- 33. Users shall be able to talk and write on a whiteboard while being in a discussion room.
- 34. Users shall be able to delete only their own contents.
- 35. Users shall be able to leave the room.

E) Quizzes Page

- 36. Users shall be able to create quizzes.
- 37. Users shall be able to view the results of their taken quizzes.
- 38. Users shall be able to view how many other users completed the quizzes that are created by them.
- 39. Users shall be able to search for a quiz by the name of the quiz.
- 40. Users shall be able to attempt a quiz.

Mockup Screens

Sign Up Page



A mockup of a web browser window displaying a sign-up page. The browser's address bar shows 'website.com'. The page content is centered within a large rectangular frame. At the top of this frame is a circular placeholder for an avatar with the text 'Select your Avatar' inside. Below this are three text input fields, each preceded by a label: 'Nickname' with the value 'curious_erdem', 'Email' with the value 'erdem@gmail.com', and 'Password' with the value 'Deneme123'. At the bottom of the frame is a rectangular button labeled 'SIGN UP'.

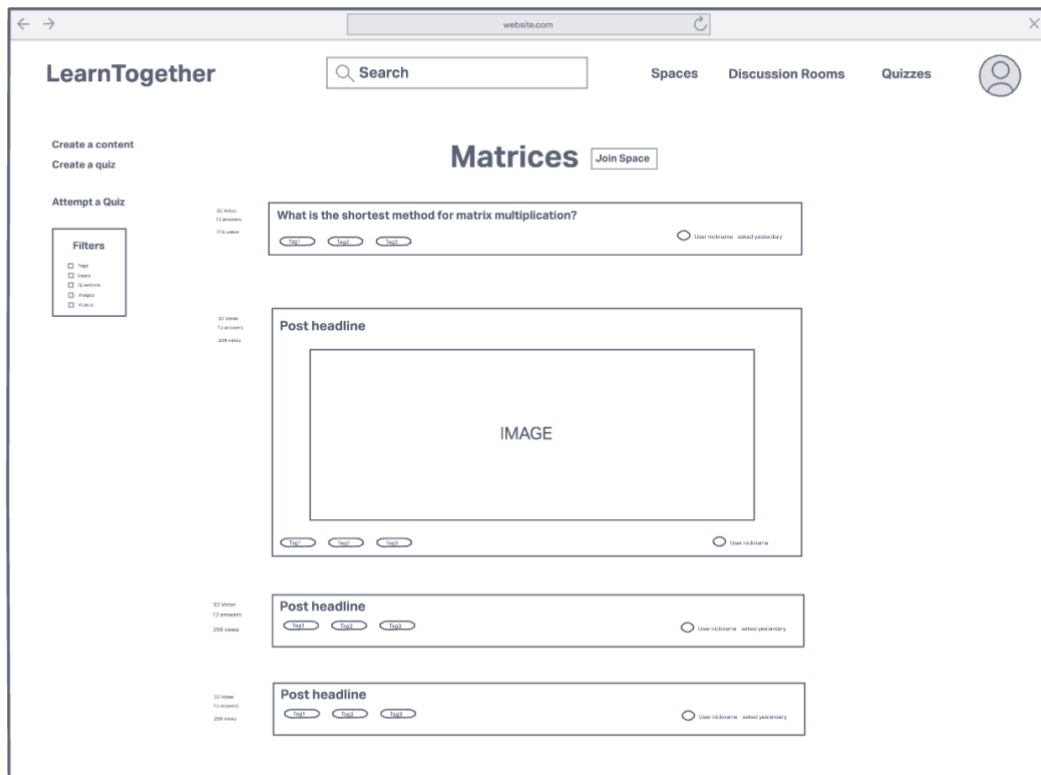
Login Page

The screenshot shows a web browser window with the address bar displaying 'website.com'. The main content area contains a login form with the following elements:

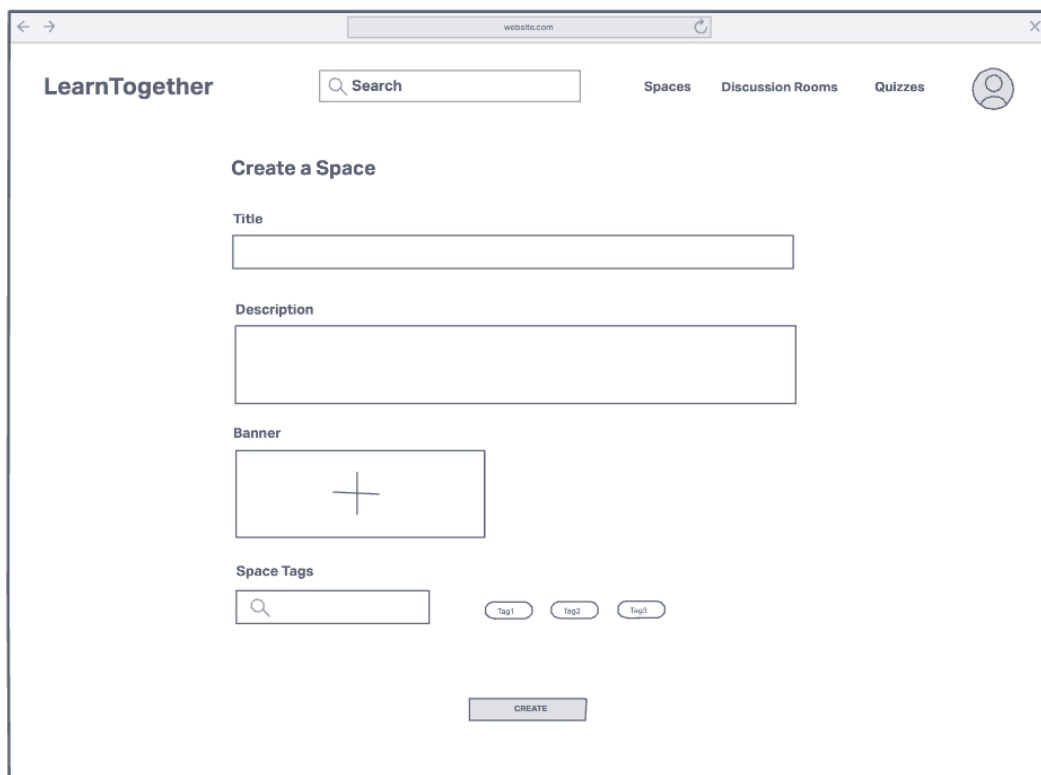
- An 'Email' label above a text input field containing 'erdem@gmail.com'.
- A 'Password' label above a text input field containing 'Deneme123'.
- A gray 'LOGIN' button centered below the password field.
- A link 'Forgot password? Send my password to my e-mail' centered below the login button.
- A text prompt 'Sign up if you don't have an account!' centered below the link.

[Homepage](#)[illegible]

Space Page



New Space Page



Content Detail Page

LearnTogether

Search

Spaces

Discussion Rooms

Quizzes

SPACE'Yİ DÖN

32

11

Prerequisites

Calculus

Matrices

Limit

Integral nedir ne işe yarar?

VIDEO

İçerik

1. Limit

2. Türev

3. Integral

4. Differensiyel Denklemler

Yorumlar

Videonun 3. dk'sında anlatılan konsepti tam anlamadım bu konuda yardımcı olabilecek var mı?

Yanıtla

animes123

Integral konusunu çok net şekilde oturtmamı sağladı, videoyu hazırlayanlara teşekkürler.

Yanıtla

matrisbilgi

Türev konusundaki video gibi bu da çok açıklayıcı olmuş.

Yanıtla

matrisbilgi

PREVIOUS

NEXT

Önerilenler

Limit Süreklilik Türev ilişkisi

Fonksiyonlar ve Uygulamaları

Suggestion 3

Suggestion 4

Comment Detail Page

LearnTogether

Search

Spaces

Discussion Rooms

Quizzes

İÇERİĞE GERİ DÖN

Sırala

☐ En Yeni

☐ En Faydalı

Yorumlar

Videonun 3. dk'sında anlatılan konsepti tam anlamadım bu konuda yardımcı olabilecek var mı?

Yanıtla

animes123

Videonun 3. dk'sında anlatılan konsepti tam anlamadım bu konuda yardımcı olabilecek var mı?

Yanıtla

animes123

Anladığım kadarıyla hoca orada grafiğin altındaki kalan alan ile integral hesabı arasındaki bağlantıyı açıklıyor.

Yanıtla

klipsanali77

Evet aslında burada kanıtlamaya çalıştığı şey fonksiyon grafiğinin altındaki alan ile integral arasındaki bağ.

Yanıtla

temmuz

Hocanın bu konudan sonra anlattığı denklemler hesabı ile ilgili buradaki bilgi geliyor gibi?

Yanıtla

klipsanali

Yorum Yaz

Ben bu videonun sonunda anlatılan problem çözümü ile ilgili şöyle düşünüyorum

New Content Page

LearnTogether

Search

SpacesDiscussion RoomsQuizzes

Create a Content

Title

Type

Image

Question

Video

Image

Prerequisites

Pre 1

Pre 2

Pre 3

Tags

Tag 1

Tag 2

Tag 3

Related Content Before This Content

Related Content After This Content

POST

Discussion Room

LearnTogether

Search

SpacesDiscussion RoomsQuizzes

How to make a good pizza?

Katılımcılar

username

username

username

username

username

username

username

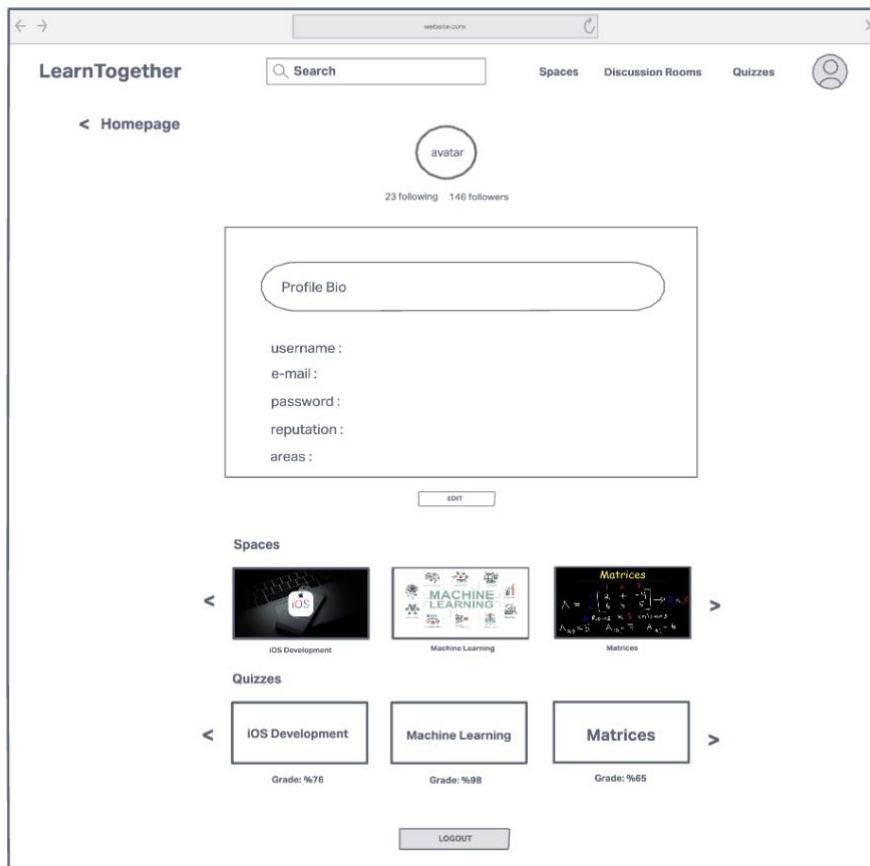
username

Whiteboard

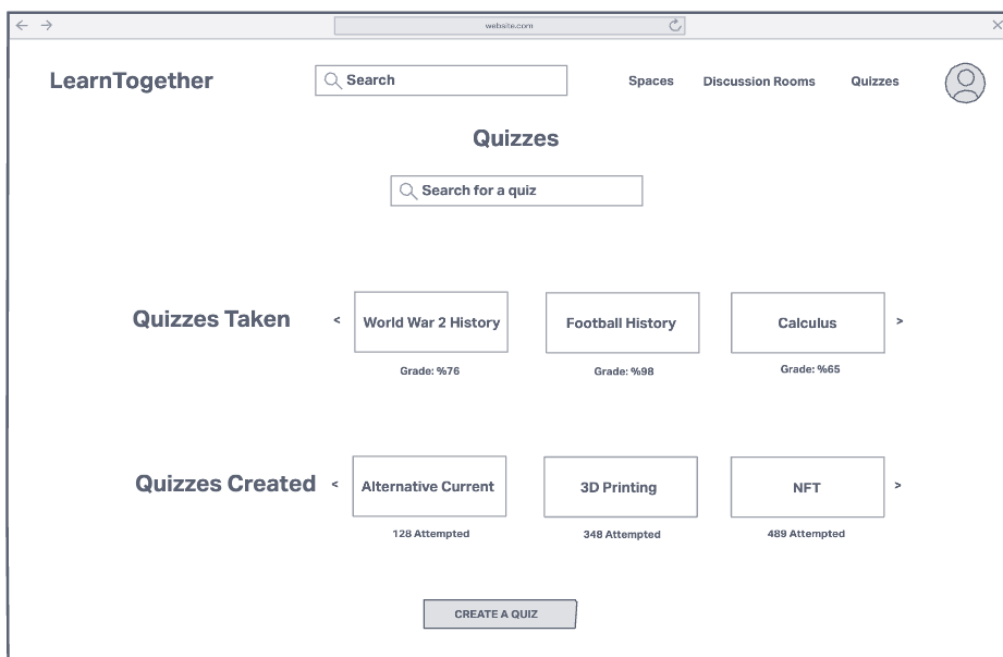
Free drawing area

LEAVE

Profile Page



Quizzes Homepage



New Quiz Page

LearnTogether

Search

SpacesDiscussion RoomsQuizzes

< All Quizzes

Title

Football History Quiz

Question 1

Who is the most scorer football player of all time?

Answers

☒ Pele

Correct

☐ Maradona

☐ Write an answer

☐ Write an answer

ADD QUESTION

CREATE

Quiz Detail Page

LearnTogether

Search

SpacesDiscussion RoomsQuizzes

< All Quizzes

Football History Quiz

1. Who is the first professional player of the world?

☐ Pele

☐ Romario

☐ Maradona

☐ Platini

2. Who is the most scorer football player of all time?

☐ Pele

☐ Romario

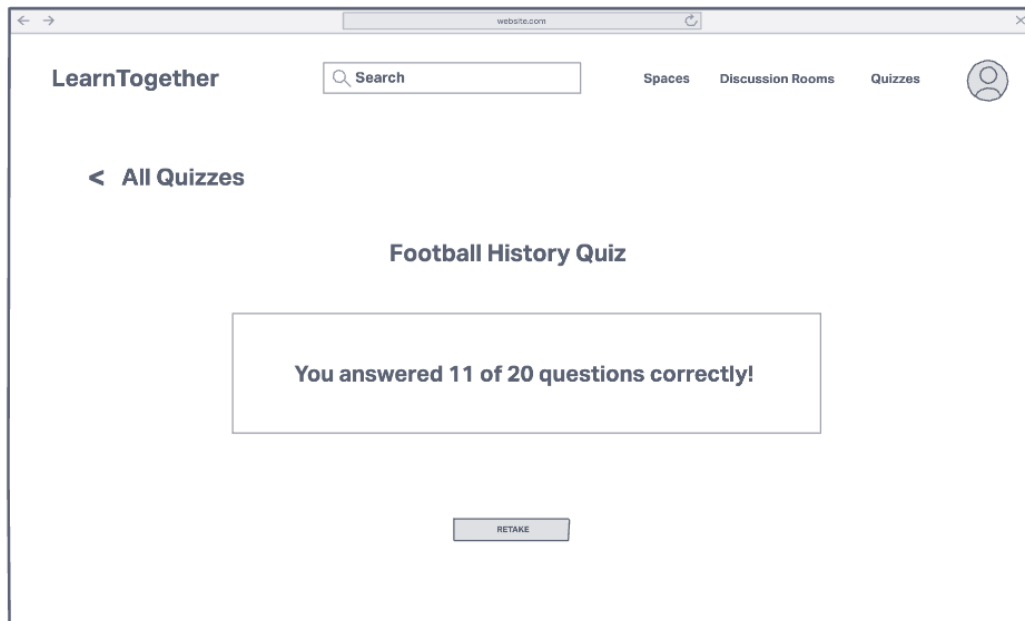
☐ Maradona

☐ Platini

ATTEMPT

DONE

Quiz Results Page



Use Case Diagram

