

FINAL PROJECT REPORT



Fitness Challenge App

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1-Project Information and Objectives

A-Project Scope:

The scope of this project is a web-based system that allows users to participate in fitness challenges. Users can view available challenges, join them, track their progress, and see their rankings. The application also supports user registration and authentication.

B-Users:

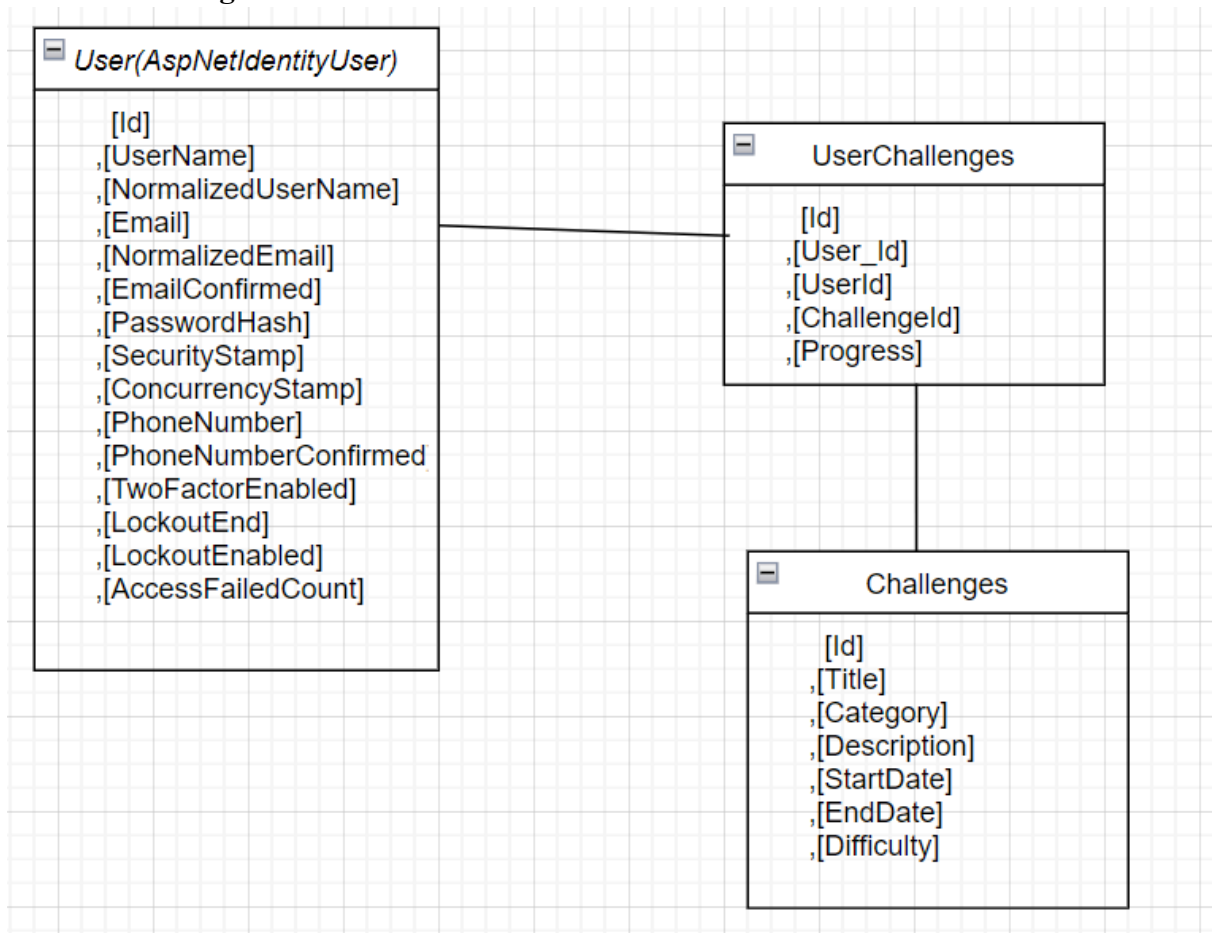
The target audience is those who want to take action for a healthy life and make it fun. Anyone can use the application, but it appeals more to a young audience.

C-Objectives:

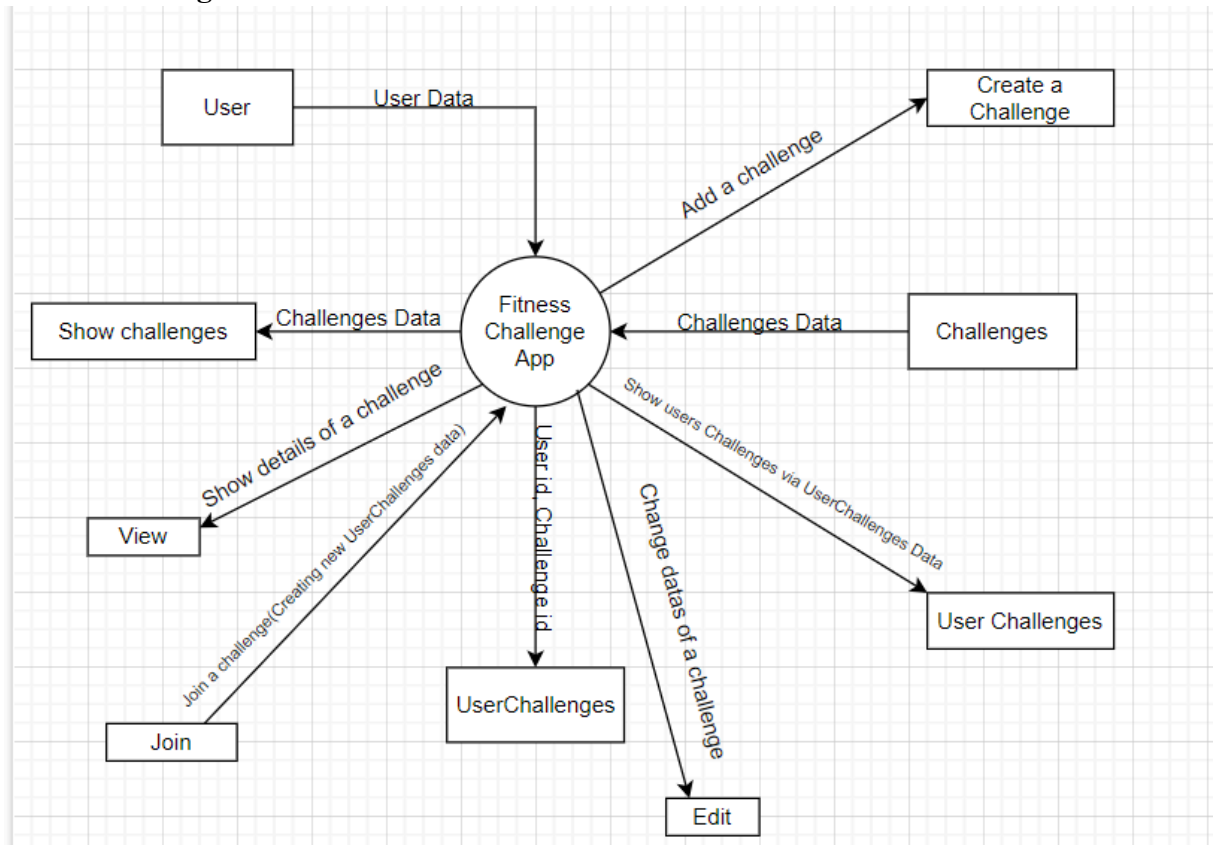
- The system shall provide password-protected access to web pages to be viewed only by registered users.
- Users shall be able to register, log in, and log out of the system.
- Users shall be able to view, join, and track progress in fitness challenges.
- The system shall display leaderboards and rankings for the challenges.
- Users shall be able to browse challenges based on keywords, start and end times, and difficulty levels.
- Challenges shall be sortable by difficulty levels.

2-Project Implementation (How does your system work?)

A-Database Diagram



B-Context Diagram



C-Workflow Diagrams



3-Project Results (Screenshots and their explanations)

A-Login-Register Page

The user registers and logs in here.

The image displays two screenshots of the FitnessChallengeApp interface, showing the login and registration pages. Both pages have a light purple header with the app name 'FitnessChallengeApp' on the left and 'Register Login' on the right. The background features a geometric pattern of overlapping white and light purple shapes.

Top Screenshot (Login Page):

- Header: FitnessChallengeApp (left), Register Login (right)
- Title: Welcome to the Fitness Challenge App
- Section: Log in
- Text: Use a local account to log in.
- Form fields: Email (mustafa@gmail.com), Password (masked with dots)
- Checkbox: Remember me?
- Button: Log in
- Links: [Forgot your password?](#), [Register as a new user](#), [Resend email confirmation](#)

Bottom Screenshot (Register Page):

- Header: FitnessChallengeApp (left), Register Login (right)
- Title: Welcome to the Fitness Challenge App
- Section: Register
- Text: Create a new account.
- Form fields: Email, Password, Confirm Password
- Button: Register

B-Main Page

On this page the user can see Challenges, options and access to other pages.

FitnessChallengeApp

Create a ChallengeUser ChallengesMy AccountLogout

Welcome to the Fitness Challenge App

Challenges

Browse Challenges

Title	Category	Difficulty			
Who can get the most steps in two weeks?	Walking	Easy	View	Join	Edit
Who can lose the most body fat in eight weeks?	Fitness	Hard	View	Join	Edit

C-Create a Challenge Page

The user can create a new challenge on this page.

FitnessChallengeApp

Create a ChallengeUser ChallengesMy AccountLogout

Welcome to the Fitness Challenge App

Create Challenge

Title

Description

Category

Difficulty

StartDate

gg.aa.yyyy

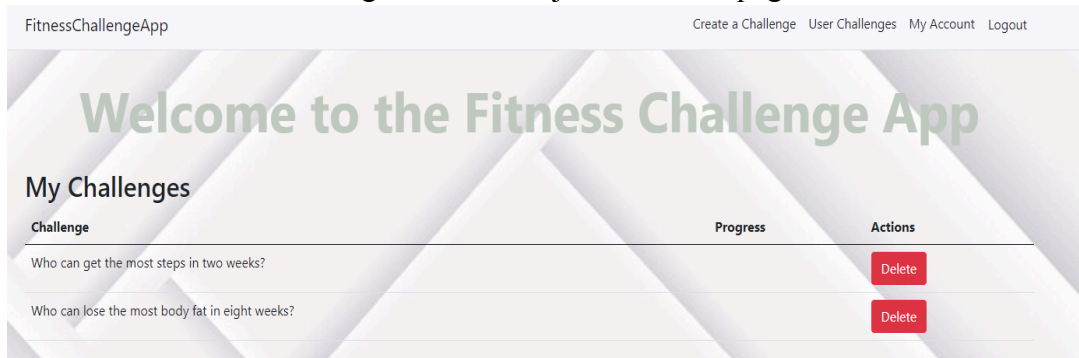
EndDate

gg.aa.yyyy

Create

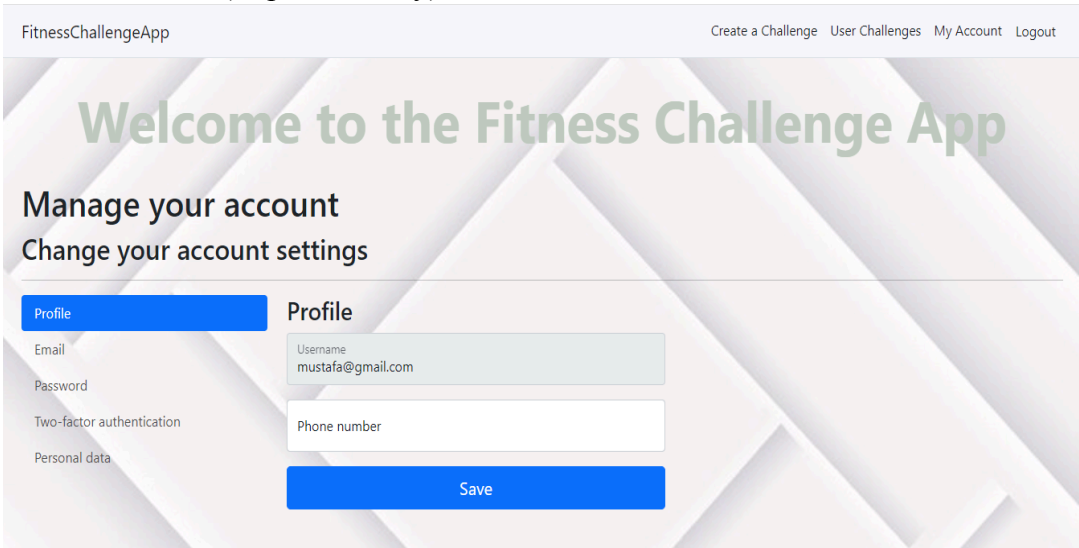
D-User Challenges Page

The user can see the challenges he-she has joined on this page.



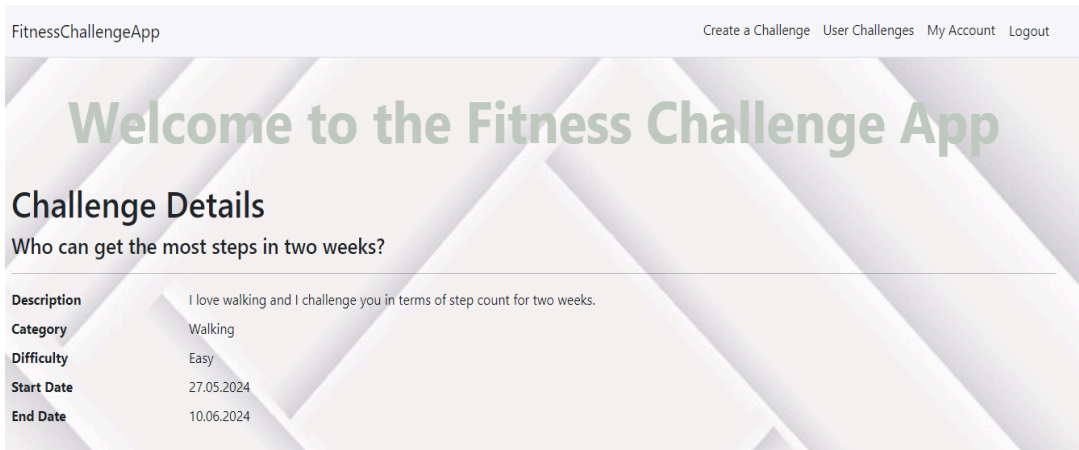
E-My Account Page

Default account. (AspNetIdentity)



F-View Page

Details of a challenge are shown.



G-Join Page

User can join a challenge.

FitnessChallengeApp

Create a ChallengeUser ChallengesMy AccountLogout

Welcome to the Fitness Challenge App

Join Challenge

Do you want to join this challenge?
Who can get the most steps in two weeks?

Description

Category

Difficulty

I love walking and I challenge you in terms of step count for two weeks.

Walking

Easy

Join

Cancel

H-Edit Page

User can update the content of a challenge.

FitnessChallengeApp

Create a ChallengeUser ChallengesMy AccountLogout

Welcome to the Fitness Challenge App

Edit Challenge

Title

Who can get the most steps in two weeks?

Description

I love walking and I challenge you in terms of step count for two weeks.

Category

Walking

Difficulty

Easy

StartDate

27.05.2024

EndDate

10.06.2024

Save