



Project title: DietWizard

Academic Year: 2023/2024

Group Members:

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Department Name: Computer Engineering

Project Type : Software

Supervisor Name: Dr. Manar Qamhieh

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

Nowadays, many people struggle with being overweight or obese, which can lead to health problems like heart disease and diabetes. It's important to shed excess fat and build muscle to achieve a healthy weight and shape.

Here DietWizard Application comes for all interested users to be a big step forward for managing their diet and fitness to become healthier and fitter.

One more important thing, DietWizard Application will solve, that today's diet related application people struggling to connect with their coaches. Normally, they have to use different apps or social media to talk and track their trainees progress, which can be confusing and nonsense.

DietWizard makes things easier by putting diet tracking and fitness coaching together in one place. This means users don't have to switch between apps or messaging platforms to talk to their coaches. The app let users keep track of what they eat and how they're doing with their fitness goals. Whether they want to lose weight or build muscle.

The app will have 3 type of roles, Normal users(individuals) who interested in lose weight and/or gain muscles, Coaches(Trainer) who provide guidance, support, and personalized advice to trainees and The administrator oversees the functioning of the app, resolves disputes, and ensures the smooth operation of the platform.

The app will have features like login/signup, choosing target(lose weight, gain muscles ..etc.), Also Community, Daily summary, exercises pages, Food diary, Water Consumption and marketplace.

The coach will has many features like profile information, trainees management, Post on community, Chatting with trainees.

The administrator can add coaches, foods, exercises.. etc.

The app will be integrated with several notifications.

We will build a mobile application that contains all the features, and also build a website.



We searched for similar projects and apps we found projects was part of our idea,

And apps such as wasn't contain chatting between trainer and their trainees.