

PROPOSAL

EHE GROUP

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INTRODUCTION

Our project is to create a second-hand sales website where users can buy and sell items.

Specific Requirements

User Registration and Login:

- Users should be able to register and log in to the system with their email and password.
- Email verification should be performed during user registration.
- Users should be able to request a password reset if they forget their password.

Posting Ads:

- Users should be able to create ads for items they want to sell.
- Ads should allow a title, description, price, category, product condition (new/second hand), location, and image upload.
- Users should be able to add tags to their ads (e.g., "new", "second hand", "buy now").

Ad Search and Filtering:

- Users should be able to search ads based on criteria such as category, price range, location, product condition.
- Search results should be sortable by ad date (e.g., "relevant", "newest").
- Users should be able to browse ads by category (e.g., "Electronics", "Furniture", "Clothing", etc.).

Messaging System:

- Buyers and sellers should be able to message each other through the platform.
- Messages should take place on the platform without sharing real phone numbers or email addresses.
- Messages should include notifications and read receipt information.

Ad Management:

- Users should be able to view, edit, or delete their own ads.
- The date and time of ad updates should be shown.

User Profile:

- Users should be able to edit their profile information (name, contact details, profile photo).
- Users should be able to view their ad history and message history.
- Users should be able to make their profiles anonymous.

Payment and Security:

- The platform should support secure payment systems (e.g., bank transfer, credit card).
- Buyers and sellers should be able to securely make payments through the platform.
- Security measures (SSL, two-factor authentication) should be used.

Ad Price and Bargaining:

- Users should be able to make offers on ads, and sellers should be able to accept or reject offers.
- The option to indicate whether the price is negotiable should be available (e.g., "Price negotiable").

Admin Panel:

- Admins should be able to manage all ads and users on the platform and review suspicious ads.
- Admins should be able to review and delete user accounts and content if necessary.

TECH-STACK

- **Backend:** Python (Django)
- **Frontend:** JavaScript (react)
- **Veritabanı:** MySQL
- **API Kütüphanesi:** Django Rest Framework (DRF)
- **Authentication:** Django-Allauth
- **DevOps:** Docker, CI/CD araçları

WORK SHARING

130623007 Esmâ Hacıhasanoğlu : Backend(server)

1306220064 Hacer Cansevdi: Backend (controller), Frontend

1306230037 Edanur Çınar: Database, Backend (repository)

GİTHUB URL

<https://github.com/Esmâ-HHO/SDDPproject.git>