Software Development Design and Practice Project Proposal

Group nickname: Beff Jezos

Group members:

- Mustafa Burak Loğoğlu
- Hayri Özgür Demir
- Süleyman Humartaş

1. Project Title & Introduction

- **Project Name:** Trendbol

- **Brief Overview:**

    o Trendbol is an online marketplace where customers can browse products, place orders, track transactions, and many more.

    o Sellers can list and manage their products.

    o Admins oversee transactions and user management.

2. Software Requirements Specification (SRS)

- **Functional Requirements:**

    o User authentication (Customer, Seller, Admin)

    o Product listing and browsing

    o Order placement and payment processing

    o Order tracking and transaction management

    o Email notifications for order status updates

- **Non-Functional Requirements:**

    o Scalability for increasing users

    o Secure authentication and transaction processing

    o Responsive UI for mobile and desktop users

3. Tech Stack

- **Frontend:** React.js **(Not sure)**

- **Backend:** Node.js with Express (or Django for Python)

- **Database:** PostgreSQL **(Not sure)**

- **Version Control:** GitHub

4. Team Responsibilities

- **Frontend Development:** Hayri Özgür Demir / Mustafa Burak Loğoğlu

- **Backend Development:** Süleyman Humartaş

- **Database Management:** Hayri Özgür Demir / Mustafa Burak Loğoğlu

- **GitHub Management & Documentation:** Mustafa Burak Loğoğlu

5. GitHub Repository

- **Repository URL:** https://github.com/Lucryle/Trendbol