Project Wiki Home

Welcome to our Deal Dock's wiki! Here you'll find detailed documentation and updates into our development process for creating a robust online marketplace.

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Project Summary

Introduction

Welcome to our project, aimed at developing a robust online marketplace that competes with Craigslist and eBay. Our vision is to blend the user-friendly interface and business model of eBay.

Goals and Features

For Buyers

- **User Interface**: Easy-to-navigate UI for hassle-free shopping.
- **Security and Trust**: Ensuring buyer confidence through a reliable transaction system.
- **Customer Support**: Comprehensive FAQ and reporting system for any issues.

For Sellers

- **Ease of Listing**: Simple process for posting customizable listings.

- **Secure Transactions**: Ensuring sellers receive their payments reliably.

Website Functionality and Flow

- **Home Page**: Users can choose to buy or sell items.
- **Selling Process**: Options to create a listing with image, description, price, and tags.
- **Buying Process**: Search for items using various filters.
- **User Accounts**: Browsing without logging in is possible, but account creation is required for buying or selling.
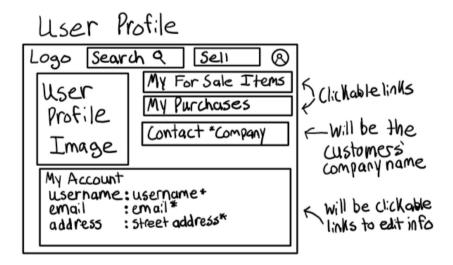
Revenue Model

- **Advertising**: Selling advertising spaces.
- **Commission**: Taking a percentage from each sale.
- **Preferred Sellers Program**: Extra fee for sellers for prominent listing placements.
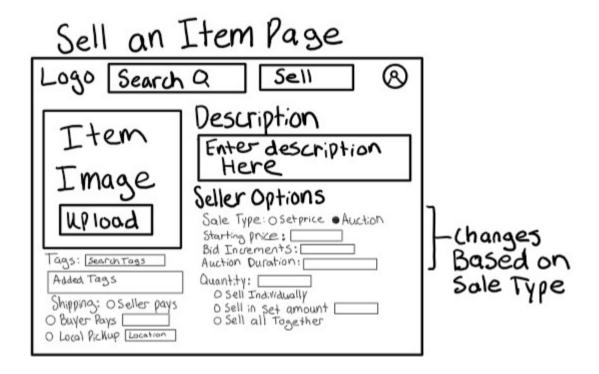
Lo-Fi Diagrams

what our home page will look like:

Visual representation of the buying process:

Here's a sneak peek into the selling process:

Application Structure

Ruby on Rails Framework Files

- `Gemfile` and `Gemfile.lock`
- `config/` - Configuration files including `routes.rb`
- `db/` - Database migrations and schema

Application Code

- `app/`
  - `models/` - Data handling (e.g., `user.rb`, `item.rb`)
  - `views/` - HAML templates (e.g., `items/`, `users/`)
  - `controllers/` - Handling user requests (e.g., `items_controller.rb`)

Assets

- `app/assets/` - JavaScripts, stylesheets, and images

Testing and Features

- `spec/` - RSpec tests
- `features/` - Cucumber feature tests

Here's a sneak peek into the selling process:

Application Structure

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Testing and Features

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https://github.com/uiowahjmjohnsonselt2023/SELT_Final_Project.wiki.git
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