

# Project Wiki Home

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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

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### 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

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### 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:

### Home Screen



Visual representation of the buying process:

### User Profile

Logo Search Q Sell (User Icon)

User Profile Image

My Account  
username: username\*  
email: email\*  
address: street address\*

My For Sale Items  
My Purchases  
Contact \*Company

Clickable links  
Will be the customers company name  
Will be clickable links to edit info

Here's a sneak peek into the selling process:

### Sell an Item Page

Logo Search Q Sell (User Icon)

Item Image  
Upload

Tags: Search Tags  
Added Tags

Shipping: ☐ Seller pays  
☐ Buyer Pays  
☐ Local Pickup Location

Description  
Enter description Here

Seller Options  
Sale Type: ☐ Set price ☒ Auction  
Starting price:   
Bid Increments:   
Auction Duration:   
Quantity:   
☐ Sell Individually  
☐ Sell in set amount  
☐ Sell all Together

changes Based on Sale Type

## 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

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