



Productivity Workflow Template

Project Implementation: Django Price Comparison Website

I. Initial Setup and Design [#Setup]

- ☐ 1. Set up your development environment
 - ☐ Install Python
 - ☐ Install Django
 - ☐ Install Selenium
 - ☐ Install BeautifulSoup
- ☐ 2. Create a new Django Project
- ☐ 3. Design your website layout
 - ☐ Sketch the website layout
 - ☐ Design the website theme

II. Frontend Development [#Frontend]

HTML

- ☐ 1. Create the main HTML file
- ☐ 2. Create HTML templates
- ☐ 3. Add forms in HTML

CSS

- ☐ 1. Style your HTML pages
- ☐ 2. Create CSS for different screen sizes

Javascript

- ☐ 1. Add interactivity to your website
- ☐ 2. Work on form validation

III. Backend Development [#Backend]

Django

- ☐ 1. Set up Django models
- ☐ 2. Set up Django views
- ☐ 3. Set up Django URLs

Selenium and Beautiful Soup

- ☐ 1. Write scripts to scrape data
- ☐ 2. Integrate the scripts into your Django models

IV. Testing [#Testing]

- ☐ 1. Test frontend functionality
 - ☐ Test HTML
 - ☐ Test CSS
 - ☐ Test Javascript
- ☐ 2. Test backend functionality
 - ☐ Test Django models
 - ☐ Test Django views
 - ☐ Test Django URLs
- ☐ 3. Test web scraping scripts

V. Deployment [#Deployment]

- ☐ 1. Choose a deployment platform
- ☐ 2. Deploy your Django project
- ☐ 3. Test the live website

VI. Post Deployment [#PostDeployment]

- ☐ 1. Monitor the website performance
- ☐ 2. Make necessary updates and maintenance
- ☐ 3. Plan for future enhancements

Final Steps

- Make sure to commit your changes regularly.
- Always test your website in different browsers and different screen sizes.
- Make sure your website is accessible and user-friendly.

