# 📘 Personal Portfolio Project – Documentation

## 1. Project Idea & Overview

- Project Name: Personal Portfolio  
- Goal: Create a website that shows who you are, what you do, and what projects you've worked on.  
- Why? It’s your online resume + project showcase + contact page — all in one.

## 2. Folder & File Structure (with Purpose)

myportfolio/  
├── manage.py # Main Django command-line tool  
├── myportfolio/ # Project settings folder  
│ ├── settings.py # All the settings (installed apps, templates,static)  
│ ├── urls.py # Main URL router  
├── portfolio/ # Your app (where all the fun lives)  
│ ├── views.py # Your page logic goes here  
│ ├── urls.py # App-specific URL routes  
│ ├── templates/portfolio/ # HTML files for each page  
│ ├── static/portfolio/css/ # Your CSS/Images/JS files  
│ ├── models.py # (Optional) Will hold Project models

## 3. Pages / Functionality

|  |  |  |
| --- | --- | --- |
| **Page** | **URL** | **Purpose** |
| Home | / | Brief intro and welcome |
| About | /about/ | Who you are, your skills, background |
| Projects | /projects/ | Shows projects from DB or static list |
| Contact | /contact/ | Contact form or social media links |
| Admin | /admin/ | Superuser dashboard (for adding projects) |

## 4. How Each Page Works

### ➤ Home Page

- File: home.html  
- View: home()  
- Shows welcome message and links to other pages

### ➤ About Page

- File: about.html  
- View: about()  
- Shows a simple bio, photo, skills

### ➤ Projects Page

- File: projects.html  
- View: projects()  
- Displays a list of projects (using model or manually)

### ➤ Contact Page

- File: contact.html  
- View: contact()  
- Contains email / LinkedIn / GitHub OR form to contact

## 5. Admin Panel & Superuser

To create admin:  
python manage.py createsuperuser  
Use this to add new projects from dashboard (if using DB)  
Save your credentials somewhere safe:  
- Username: yourname  
- Password: yourpassword

## 6. Tips to Remember

- Use {% url 'name' %} to link pages  
- {% extends 'base.html' %} keeps layout consistent  
- Static files = CSS/images: use {% static '...' %}  
- Restart server after model or setting changes  
- Use Django admin for project management (optional)

## 7. What it Consists Of (Features Summary)

- ✅ Clean Home, About, Projects, Contact pages  
- ✅ Responsive layout with CSS  
- ✅ Modular structure (everything in the `portfolio` app)  
- ✅ Admin panel for easy management  
- ✅ Can be deployed for free on Render or Vercel