HessaAlmasaad- Portfolio

Project Name: HessaAlmasaad- Portfolio

Project Description:

The **HessaAlmasaad- Portfolio** is an interactive and dynamic platform designed to exhibit Hessa Almasaad's diverse projects, skills, and experiences. This portfolio is a digital showcase, presenting a curated collection of software development projects, web development work, game design, and other creative endeavors. As a computer science graduate and an aspiring full-stack developer, Hessa's portfolio demonstrates her dedication to innovation, technical skills, and continuous growth. The platform highlights her journey through key projects, coding expertise, and personal milestones, offering a comprehensive look into her capabilities and ambitions in the tech industry.

Features List

1. **Home Page**
   - Navigation Bar:
     - Display logo and navigation links for **Home**, **About**, **Projects**, and **Contact**.
     - Highlight the active section when users scroll or click through the site.
   - Hero Section:
     - Display introductory text emphasizing my professional role.
     - Display an image (relevant illustration) next to the introduction text.
     - Add a call-to-action button that links to projects.
   - Brief Overview Section:
     - Include text snippets and small images that provide an overview of your skills, focus areas, or projects.

2. **About Page:**
   - Introduction Text:
     - Describe "Creative About Me", including background, passion, and career goals and achievements.
   - Skills Section:
     - Highlight 3 main skills, each supported by relevant icons and images.
     - Provide a short description of each skill.
   - "Show My Projects" Button:
     - Button linking to the Projects section for a seamless transition.

3. **Projects Page:**
   - Projects Display:
     - list layout to showcase multiple projects.

- Display each project as a card, including:
  - Project image.
  - Project title.
  - Project category.
- Project Filter:
  - Implement functionality to filter projects by category and allow searching by name.

4. **Project Details Page:**
   - Detailed View of Selected Project:
     - Display project name, description, and category
     - Show project date and provide a GitHub URL for viewing project.
     - Include a carousel to display multiple images related to the project.
   - Technologies Used:
     - List and display technologies/tools used in the project with icons and images.

5. **Contact Page:**
   - Contact Form:
     - Include fields for First Name, Last Name, Email, and Message.
     - Add a "Send" button for submitting the form.
   - Contact Information:
     - Provide a direct link to your email (e.g., Outlook) for contact.
     - Display social media links using icons for easy navigation.
   - Contact Message Instructions:
     - Include brief text encouraging users to reach out through the contact form.

6. **Contact Messages (Admin View for messages handling) Page:**
   - Message Management (For Admin Use):
     - Display incoming messages with relevant fields (Name, Email, and Message content).
     - Add functionality to filter messages based on sender or date received.
   - Message Actions:
     Allow for marking messages as read, archiving, or deleting messages.

User Stories

Admin Role

1. As an Admin, I want to view a list of all incoming contact messages, so that I can manage and respond to user communications effectively.
2. As an Admin, I want to see details of each message, including the sender's name, email, and message content, so that I have context for my responses.
3. As an Admin, I want to mark messages as read, so that I can keep track of which messages I have already reviewed.
4. As an Admin, I want to filter messages based on the sender or date, so that I can quickly find and prioritize specific messages.
5. As an Admin, I want to archive messages, so that I can organize my message list and focus on active conversations.
6. As an Admin, I want to delete messages, so that I can remove unnecessary or resolved communications from the system.

User Role

1. As a User, I want to navigate easily between pages (Home, About, Projects, Contact) using a navigation bar, so that I can access different sections effortlessly.
2. As a User, I want to see a clear and engaging introduction on the Home page, so that I understand the purpose of the portfolio and the creator's professional focus.
3. As a User, I want to view a brief overview of the creator's skills and projects on the Home page, so that I get a quick snapshot of their expertise.
4. As a User, I want to read detailed information about the creator on the About page, so that I can learn about their background, passions, and career goals.
5. As a User, I want to explore the creator's highlighted skills on the About page, so that I can understand their core competencies.
6. As a User, I want to click a button on the About page to view the creator's projects, so that I can see their work in more detail.
7. As a User, I want to browse multiple projects on the Projects page using a list layout, so that I can quickly scan and select projects of interest.
8. As a User, I want to filter and search projects by category or name, so that I can find specific projects that match my interest.
9. As a User, I want to click on a project card to view its detailed description on a separate page, so that I can learn more about the project's background, technologies used and see related images.

10. As a User, I want to access contact information and a contact form on the Contact page, so that I can reach out to the creator for collaboration or inquiries.
11. As a User, I want to submit my contact details (First Name, Last Name, Email, and Message) via a form on the Contact page, so that I can communicate easily.
12. As a User, I want to see social media links and an email link on the Contact page, so that I have alternative ways to connect with the creator.

Wireframe

Navigation / Header
with skill Page
But bid Promise

Home
Button

logo   Home About Projects Contact

Hero Section
<Text>   image   <Text>
image   image

About
About (Creative About Xay)

My Name
Software Developer
<Text> About Me <Text>
Show My projects

logo

Skills Section
Skills Section (3 main Skills)

img
Name

Skill 1
press

Skill 2
press

Skill 3
press

Projects
Projects

All

Contact Page
Contact Page

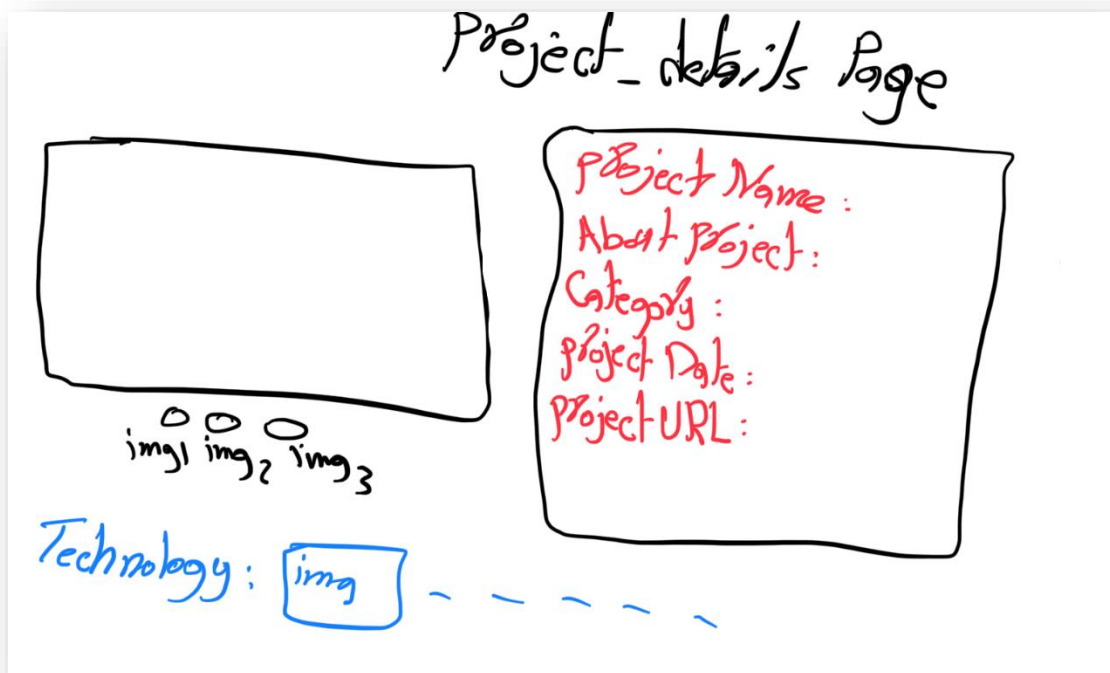Contact Me

Email me for Collaration to (Email)
or fill out the form below

First Name: [   ]   Last Name [   ]

Email [   ]

Message
[   ]

Send

UML for the User, Project, and Contact Models

Hessa Almasaad Portfolio

UML Model

ContactMessage
id: AutoField (PK) user: ForeignKey(User) sender_name: CharField sender_email: EmailField message_content: TextField status: CharField date_sent: DateTimeField
+ mark_as_read() + archive_message() + delete_message()

Project
id: AutoField (PK) title: CharField description: TextField category: CharField date_created: DateTimeField github_url: URLField technologies_used: TextField
+ create_project(title: String, ...) + update_project(id: Integer, data: Dict) + delete_project(id: Integer) + view_project(id: Integer)