Digital Portfolio

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PROJECT TITLE

Crowdfunding platform
Portfolio Using
Frontend Developer

AGENDA

1.Problem Statement
2.Project Overview
3.End Users
4.Tools and Technologies
5.Portfolio design and Layout
6.Features and Functionality
7.Results and Screenshots
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PROBLEM STATEMENT

1. Limited Access to Funding – Startups and students struggle to get financial support from banks and investors

2. Trust Issues – Donors fear scams and misuse of funds, reducing contributions.

 3. No Centralized Platform – Fundraising is scattered across social media and offline methods.

4. Poor Tracking – Contributors don't receive proper updates on how funds are used.

PROJECT OVERVIEW

1. A web-based platform to raise funds for ideas, startups, or social causes.
2. Project creators can create campaigns with details and goals.
3. Contributors can donate securely and support campaigns.
4. Provides transparency with progress tracking and update
5. Builds trust and easy access to funding for students & entrepreneurs.

WHO ARE THE END USERS?

1. Project Creators – Students, startups, or organizations raising funds.
2. Contributors/Donors – Individuals who support campaigns financially.
3. Administrators – Manage platform, verify campaigns, and ensure security.
4. General Public/Visitors – Browse campaigns and learn about ongoing projects.

TOOLS AND TECHNIQUES

1. Frontend Tools – HTML, CSS, JavaScript (React/Angular) for user interface.
2. Backend Tools – Java, Python, or PHP with frameworks like Django/Spring.
3. Database – MySQL or MongoDB to store user, campaign, and donation data.
4. Payment Integration – Razorpay, PayPal, or UPI for secure transactions.
5. Security Techniques – Data encryption, user authentication, and fraud detection.

PORTFOLIO DESIGN AND LAYOUT

PORTFOLIO DESIGN:

1. Home Page – Overview of trending and featured campaigns.
2. Campaign Page – Details of the project, funding goal, and progress bar.
3. User Dashboard – Separate dashboard for creators and contributors.
4. Donation Page – Simple and secure payment gateway integration.
5. About & Contact Page – Info about platform and support options.
6. Login/Signup Page – User authentication with role-based access.
7. Admin Panel – Manage campaigns, users, and security settings.

LAYOUT:

1.Header – Logo, navigation menu, and login/signup options.
2. Main Section – Campaign listings, featured projects, and search bar.
3. Sidebar – Filters for categories, recent campaigns, and recommendations.
4. Footer – Contact info, about page, social links, and terms & conditions.

FEATURES AND FUNCTIONALITY

1. User Registration & Login – Secure signup for creators, donors, and admins

2. Campaign Creation – Users can start fundraising campaigns with goals and details.

3. Donation System – Contributors can donate securely through payment gateways.

4. Progress Tracking – Shows funding percentage, milestones, and updates.

5. Search & Filter – Easy browsing of campaigns by category or popularity.

6. Admin Control – Verify campaigns, manage users, and monitor transactions.

RESULTS AND SCREENSHOTS

➢ **Homepage With Crowdfunding platform**

CONCLUSION

The crowdfunding platform provides a simple and effective way for individuals, startups, and organizations to raise funds. It connects project creators with contributors, ensuring transparency and trust in the funding process. With features like secure payments, progress tracking, and campaign management, the platform makes fundraising more organized and reliable. It reduces the barriers of traditional funding by giving equal opportunities to everyone. The platform also encourages community support and engagement. Overall, this project aims to promote innovation, social causes, and entrepreneurship through an accessible and trustworthy online system.

Github Link

https://github.com/24bsit145priyadharshinib-debug/TNSDC-FWD-DIGITAL_PORTFOLIO.git