Crowdfunding Platform

Project Overview

A crowdfunding platform allows individuals or organizations to raise funds for projects, causes, or businesses by collecting small amounts of money from a large number of people. This project will require features for campaign management, payment processing, user authentication, and more.

Key Features

1. User Authentication and Management

- **User Roles**: Admin, Campaign Creator, and Backer.

- **Registration/Login**: Email/password authentication, OAuth for social logins (Google, Facebook).

- **Profile Management**: Users can update their profile information and view their campaign or backing history.

2. Campaign Creation and Management

- **Campaign Setup**: Title, Description, Goal Amount, Duration, Category, Images/Videos.

- **Campaign Updates**: Creators can post updates about their campaigns.

- **Rewards/Tiers**: Different contribution levels with corresponding rewards.

- **Campaign Dashboard**: View contributions, manage rewards, and update campaign status.

3. Contribution System

- **Payment Integration**: Integration with payment gateways like Stripe or PayPal.

- **Contribution Tracking**: Track the amount raised, number of backers, and contribution status.

- **Anonymous Contributions**: Option for backers to contribute anonymously.

4. Search and Discovery

- **Search Functionality**: Search by campaign title, category, creator, etc.

- **Categories and Filters**: Filter campaigns by category, popularity, amount raised, etc.

- **Featured Campaigns**: Highlight campaigns selected by the admin.

5. Notifications and Communication

- **Email Notifications**: Notify users about campaign updates, contributions, and other important events.

- **In-app Notifications**: Real-time notifications for campaign creators and backers.

- **Messaging System**: Direct messaging between backers and campaign creators.

6. Admin Dashboard

- **Campaign Approval**: Admins can review and approve/reject campaigns before they go live.

- **User Management**: View and manage users and their activities.

- **Analytics and Reporting**: Insights into platform performance, popular campaigns, total funds raised, etc.

- **Content Moderation**: Manage user-generated content, handle disputes, and ensure platform compliance.

Technologies

Frontend

- **Framework**: React.js or Angular for dynamic, responsive user interfaces.

- **State Management**: Redux or Context API (for React) or NgRx (for Angular).

- **Styling**: CSS-in-JS libraries like Styled-components or traditional CSS frameworks like Bootstrap or Material-UI.

Backend

- **Framework**: Node.js with Express or Django for robust backend services.

- **Database**: PostgreSQL or MongoDB for storing user data, campaign details, and transaction records.

- **Authentication**: JWT (JSON Web Tokens) for secure authentication.

- **Payment Integration**: Stripe or PayPal SDK for handling transactions.

Additional Tools

- **Email Services**: SendGrid or Amazon SES for sending email notifications.

- **Real-time Notifications**: WebSockets or services like Pusher for in-app real-time notifications.

- **File Storage**: AWS S3 or Google Cloud Storage for storing images and videos.

- **Analytics**: Google Analytics for tracking user interactions and platform metrics.

Database Schema (Sample)

Users Table

Column	Type	Description
id	SERIAL	Primary key
username	VARCHAR	Unique username
email	VARCHAR	Unique email address
password_hash	VARCHAR	Encrypted password
role	VARCHAR	Role (Admin, Creator, Backer)
created_at	TIMESTAMP	Account creation timestamp
updated_at	TIMESTAMP	Last update timestamp

Campaigns Table

Column	Type	Description
id	SERIAL	Primary key
creator_id	INT	Foreign key referencing Users
title	VARCHAR	Campaign title
description	TEXT	Detailed description
goal_amount	DECIMAL	Funding goal
amount_raised	DECIMAL	Amount raised so far
category	VARCHAR	Campaign category
status	VARCHAR	Status (Pending, Approved, Active, Completed)
created_at	TIMESTAMP	Campaign creation timestamp
updated_at	TIMESTAMP	Last update timestamp

Contributions Table

Column	Type	Description
id	SERIAL	Primary key
campaign_id	INT	Foreign key referencing Campaigns
backer_id	INT	Foreign key referencing Users
amount	DECIMAL	Contribution amount
anonymous	BOOLEAN	Is the contribution anonymous
created_at	TIMESTAMP	Contribution timestamp

Sample User Stories

1. As a Campaign Creator:

- I want to create a campaign with detailed information and rewards.

- I want to update my campaign with new information and updates.

- I want to view contributions and communicate with backers.

2. As a Backer:

- I want to browse and search for interesting campaigns to support.

- I want to contribute to campaigns and receive rewards.

- I want to receive updates and notifications about the campaigns I support.

3. As an Admin:

- I want to review and approve/reject new campaigns.

- I want to manage users and handle disputes.

- I want to view analytics and generate reports on platform performance.

Implementation Steps

1. **Setup Development Environment**: Install necessary tools and frameworks.

2. **Design Database Schema**: Create tables and relationships.

3. **Build User Authentication**: Implement registration, login, and role-based access control.

4. **Develop Campaign Management**: Create functionalities for campaign creation, updates, and management.

5. **Implement Contribution System**: Integrate payment gateway and track contributions.

6. **Build Search and Discovery**: Implement search, filtering, and featured campaigns.

7. **Develop Notification System**: Implement email and in-app notifications.

8. **Create Admin Dashboard**: Build functionalities for campaign approval, user management, and analytics.

9. **Test and Deploy**: Thoroughly test the platform and deploy it to a live server.

Real-Time Collaborative Editor

Description: Create a web application for real-time collaborative document editing.

Features:

- User Authentication

- Real-time Editing and Syncing

- Document Sharing and Permissions

- Version History

- Commenting and Annotations

- Markdown Support

- Admin Dashboard

Technologies:

- Frontend: React.js or Angular

- Backend: Node.js with Express

- Database: MongoDB or PostgreSQL

- Additional: WebSockets for real-time collaboration, JWT for authentication

Event Planning and RSVP System

An Event Planning and RSVP System is a web-based or mobile application that helps users organize events, send invitations, manage guest lists, and track RSVPs (responses to invitations). These systems are beneficial for both personal and professional events,

providing a streamlined way to handle event logistics. Here's a comprehensive look at such a system:

Key Features

1. Event Creation and Management

- **Event Details**: Allow users to create events with detailed descriptions, dates, times, and locations.

- **Customizable Invitations**: Design and send out customizable invitations via email or SMS.

- **Event Types**: Support for various types of events such as weddings, conferences, meetings, parties, and more.

2. Guest List Management

- **Import Contacts**: Import contacts from email lists or social media platforms.

- **Group Management**: Organize guests into groups (e.g., family, friends, colleagues) for targeted communications.

- **Track RSVPs**: Track who has responded, their responses, and any additional information they provide.

3. RSVP and Attendance Tracking

- **RSVP Forms**: Provide online forms for guests to respond, with options for meal preferences, plus-ones, etc.

- **Automated Reminders**: Send automated reminders to guests who haven't responded by a certain date.

- **Attendance Reports**: Generate reports to see who is attending, who declined, and who has yet to respond.

4. Communication Tools

- **Email and SMS Integration**: Send updates, reminders, and thank-you notes.

- **Messaging System**: Enable direct communication between organizers and attendees.

- **Notifications**: Push notifications for event updates and important announcements.

5. Event Promotion

- **Social Media Integration**: Share event details on social media platforms.

- **Event Websites**: Create dedicated event websites with all necessary information.

6. Logistics and Coordination

- **Seating Arrangements**: Plan seating charts and arrangements.

- **Vendor Coordination**: Manage and coordinate with vendors, caterers, and other service providers.

- **Budget Tracking**: Keep track of expenses and manage the event budget.

7. Feedback and Surveys

- **Post-Event Surveys**: Collect feedback from attendees after the event.

- **Data Analysis**: Analyze survey data to improve future events.

Technologies and Tools

Frontend

- **Framework**: React.js, Angular, or Vue.js for dynamic user interfaces.

- **UI Libraries**: Bootstrap, Material-UI for styling and layout.

- **Responsive Design**: Ensure the application is mobile-friendly.

Backend

- **Framework**: Node.js with Express, Django, or Ruby on Rails for server-side logic.

- **Database**: PostgreSQL, MySQL, or MongoDB for storing event and user data.

- **Authentication**: JWT (JSON Web Tokens) or OAuth for secure login and user management.

Additional Tools

- **Email Services**: SendGrid, Mailgun for email delivery.

- **SMS Services**: Twilio for SMS communication.

- **Payment Processing**: Stripe, PayPal for handling payments if needed.

- **Hosting**: AWS, Google Cloud, or Heroku for deploying the application.

Implementation Steps

1. **Define Requirements**: Gather and define the requirements based on the types of events and the needs of the users.

2. **Design Database Schema**: Plan the database structure for storing event details, guest lists, RSVPs, etc.

3. **Develop User Interfaces**: Create intuitive and user-friendly interfaces for event creation, guest management, and RSVP tracking.

4. **Implement Backend Services**: Develop the backend services for handling event management, user authentication, and communication.

5. **Integrate Third-Party Services**: Integrate email, SMS, and payment services.

6. **Test and Deploy**: Conduct thorough testing to ensure the system works as expected and deploy the application.

Benefits

- **Efficiency**: Automates many aspects of event planning and guest management, saving time and effort.

- **Organization**: Keeps all event-related information in one place, making it easy to access and manage.

- **Communication**: Facilitates effective communication with guests through automated reminders and updates.

- **Engagement**: Enhances guest engagement through personalized invitations and easy RSVP processes.

Use Cases

- **Corporate Events**: Conferences, meetings, and company parties.

- **Personal Celebrations**: Weddings, birthdays, and anniversaries.

- **Community Events**: Fundraisers, charity events, and local gatherings.

- **Professional Gatherings**: Workshops, seminars, and networking events.

Example Platforms

- **Eventbrite**: A widely used platform for creating, promoting, and managing events.

- **Evite**: Popular for personal events and invitations.

- **Cvent**: Used primarily for corporate events and meetings.

By leveraging these features and technologies, you can create a robust Event Planning and RSVP System that meets the needs of various users and simplifies the event planning process.

Link:-

1. https://www.scribd.com/document/167542681/project-report-on-event-management-pdf
2. https://www.youtube.com/watch?v=jRq0NWlEw50
3. https://www.sourcecodester.com/php/15238/event-management-system-project-php-source-code.html
4. Research Paper link:-
   https://www.sourcecodester.com/php/15238/event-management-system-project-php-source-code.html

https://www.scribd.com/document/440689308/Event-management-m1-IEEE-converted-docx

https://www.scribd.com/document/440689308/Event-management-m1-IEEE-converted-docx

New add this project:

To enhance an Event Planning and RSVP System, consider adding the following advanced features and functionalities:

1. AI and Machine Learning Integration

- **Personalized Invitations**: Use AI to analyze guest preferences and send personalized invitations.

- **Predictive Attendance**: Predict the likelihood of guests attending based on past behavior and other factors.

- **Chatbots**: Implement AI-powered chatbots for answering guest queries and providing event information in real-time.

2. Enhanced Guest Experience

- **Virtual Events**: Integrate with video conferencing tools like Zoom or Microsoft Teams for hybrid or fully virtual events.

- **Interactive Features**: Add features such as live polls, Q&A sessions, and virtual networking rooms.

- **Mobile App**: Develop a mobile app for guests to view event details, RSVP, and receive updates.

3. Advanced Analytics and Reporting

- **Real-Time Analytics**: Provide real-time data on RSVPs, attendee engagement, and other metrics.

- **Custom Reports**: Allow users to generate custom reports on various aspects of the event.

4. Social Media Integration

- **Social Media Invites**: Enable users to send invitations via social media platforms like Facebook, Twitter, and LinkedIn.

- **Event Promotion**: Automatically share event updates and reminders on social media.

5. Security and Privacy Enhancements

- **Data Encryption**: Ensure all data, especially personal information, is encrypted both in transit and at rest.

- **GDPR Compliance**: Implement features to comply with GDPR and other data protection regulations.

6. Customization and Branding

- **Custom Themes**: Allow users to choose from a variety of themes or create custom designs for their event pages and invitations.

- **Branded URLs**: Provide branded URLs for event pages to enhance the professional appearance.

7. Collaboration Tools

- **Team Management**: Allow event organizers to collaborate with team members, assign tasks, and share updates.

- **Vendor Management**: Include tools for managing communication and contracts with vendors and service providers.

8. Payment Processing

- **Ticket Sales**: Enable ticket sales directly through the platform with integrated payment gateways like Stripe or PayPal.

- **Donation Collection**: For charity events, provide options for collecting donations during the RSVP process.

9. Location-Based Services

- **Venue Mapping**: Provide interactive maps of the event venue with details on different areas, booths, and sessions.

- **Geolocation**: Use geolocation to provide directions and logistical information to attendees.

10. Post-Event Engagement

- **Follow-Up Emails**: Send automated thank-you emails and post-event surveys to gather feedback.

- **Content Sharing**: Share event recordings, photos, and highlights with attendees.

Example Enhancements

1. **AI-Powered Insights**: Using machine learning to analyze guest behavior and preferences can significantly enhance the personalization of invitations and event experiences. AI can also predict attendance and suggest optimal event dates based on guest availability patterns.

2. **Virtual and Hybrid Event Capabilities**: Integrating with platforms like Zoom, Microsoft Teams, or Webex can expand your system's utility to accommodate virtual or hybrid events. Features like breakout rooms, virtual networking, and real-time interactive sessions can replicate the in-person event experience online.

3. **Advanced Data Analytics**: Implementing real-time analytics dashboards can help event organizers make data-driven decisions. Customizable reports on attendee demographics, engagement levels, and feedback can provide deep insights into the success of the event and areas for improvement.

4. **Enhanced Security Measures**: Ensuring data encryption and compliance with regulations like GDPR can build trust with users. Implementing features such as two-factor authentication (2FA) and regular security audits can further secure the platform.

By incorporating these advanced features, the Event Planning and RSVP System can become more versatile, user-friendly, and effective in managing various types of events while enhancing the overall experience for both organizers and attendees.

Smart Personal Finance Manager

- **Description**: A web application that helps users manage their personal finances, track expenses, set budgets, and achieve savings goals.

- **Features**:
  - Expense tracking and categorization
  - Budget setting and monitoring

- ○ Savings goals and progress tracking

- ○ Financial insights and reports

- ○ Integration with bank accounts for transaction import

Event Ticketing System

https://www.freeprojectz.com/project-source-code-database-download/event-ticket-booking-system-project

https://www.scribd.com/document/407263913/EVENT-TICKET-BOOKING-SYSTEM-docx

Online Learning Platform for Skill Enhancement:

https://vnsgu.ac.in/iqac/naac/c1/c13/c134/files/1DwsyZR54xNeErqWxFfS8zLzGDgsCW0Qb.pdf

https://www.researchgate.net/publication/353247072_A_RESEARCH_PROJECT_REPORT_ON_To_Study_on_Impact_of_The_Online_Learn ingTeaching_on_The_Students_of_Higher_Education_Submitted_in_partial_fulfillment_of_the_requirement_for_the_award_of_degree_master_of

https://alameenedu.co.in/pdf/spw/MB206212-DANISH%20BASHIR.pdf

https://www.scribd.com/document/517662301/E-learning-management-system-Project-Report

A Food Wastage Reduction

Objectives

Food Donation App Reduction management

The Application generally relates to a system and method to schedule events, and more particularly, to a system and method for scheduling technical events among entities such as organization.

Software Requirements: –

Front End: HTML5, CSS3, Bootstrap
Back End: PHP, MYSQL
Control End: Angular Java Script

Android Tools:
IDE: Android Studio
Android Emulator
XAMPP 8.1 – 64 bit

PHP Tools:
XAMPP 8.1 – 64 bit

System Modules:

- User Register

- Login

- View Food Item

- Add Food Item

- Update/Delete Food

- Update Google geo location

- Search Nearby food items

- Add Items To Cart

- Remove An Item From The Cart

- View New Order

- View My Order

- My Profile

- Log Out

Module Description

1. Users Register

   - This module is used to create a user registrations form. After registering application form the users able to enter into process. To register the form following details should be given by the user, the details that should be filled by the user is their personal details and the required details by the secret password, location, address etc.

2. Login

   - User can login using username and password

3. View Items

   - Search location wise and book the food items

4. Add Items

   - Create a new food item with details of quantity, location, address contact

5. Add images

   - Add images to the food items

6. Add Items To Cart

   - Add multiple food items to cart for booking

7. Remove An Item From The Cart

   - Delete food items to cart for booking

https://ijcsmc.com/docs/papers/October2019/V8I10201907.pdf

https://github.com/kishor-23/food-waste-management-system

https://ieeexplore.ieee.org/document/8488190/citations#citations

https://ijireeice.com/wp-content/uploads/2020/06/IJIREEICE.2020.8611.pdf

E-VIGILANCE COMPLAINT MANAGEMENT SYSTEM APP

Software Requirements: –

Front End: HTML5, CSS3, Bootstrap

Back End: PHP, MYSQL

Control End: Angular Java Script

Android Tools:

IDE: Android Studio
Android Emulator
XAMPP 8.1 – 64 bit

PHP Tools:

XAMPP 8.1 – 64 bit

System Modules:

Admin

- Login

- Approve Advocate Profile

- View User Details

Advocate

- Register
- Login
- Create Profile
- Update/Delete Profile
- Search women problem
  - Send help request
- My Profile

User

- Register
- Login
- Search Advocate
  - Search City, area wise
- Post Problem
- Update/Delete Problem
- Get Help request
- My Profile

Module Description

Admin:

1. Login:

 – Description: This module allows the admin to log in securely to access the admin panel and perform administrative tasks.

2.   Approve Advocate Profile:

– Description: Admins can review and approve advocate profiles after verifying their credentials to ensure the legitimacy of advocates on the platform.

3.   View User Details:

– Description: This module enables the admin to view user details, helping to manage and monitor user activity on the platform.

Advocate:

1. Register:

– Description: Advocates can create accounts by providing necessary information and credentials to join the platform.

2.   Login:

– Description: Advocates can log in securely to access their accounts and provide their legal services.

3.   Create Profile:

– Description: Advocates can create and update their profiles, including qualifications, areas of expertise, and contact information.

4.   Update/Delete Profile:

– Description: This module allows advocates to edit or remove their profiles as needed.

5.   Search Women Problem:

– Description: Advocates can search for women's legal problems posted by users and offer assistance. This includes sending help requests.

6.   My Profile:

– Description: Users can manage their profiles, update personal information, and view their interaction history on the platform.

User:

1. Register:

 – Description: Users can register on the platform by providing their details, creating an account to seek legal assistance.

2.   Login:

 – Description: Users can log in securely to access their accounts and post legal issues or search for advocates.

3.   Search Advocate:

 – Description: Users can search for advocates based on various criteria, such as specialization or location.

4.   Search City, Area Wise:

 – Description: Users can narrow down their search for advocates by specifying city or area preferences.

5.   Post Problem:

 – Description: Users can post their legal problems, providing details to seek assistance from advocates.

6.   Update/Delete Problem:

 – Description: Users can edit or remove their posted problems as needed.

7.   Get Help Request:

 – Description: This module allows users to view help requests sent by advocates and respond accordingly.

8.   My Profile:

 – Description: Users can manage their profiles, update personal information, and view their interaction history on the platform.

Existing Solution:

In many organizations, managing and addressing complaints, especially those related to vigilance and ethics, can be a complex and time-consuming process. The existing system might involve manual methods or legacy software, which can have several limitations:

1. Manual Processes:

– Many organizations rely on paper-based systems or basic digital documents and email for managing complaints.

– Tracking complaints, assigning responsibility, and ensuring timely resolution can be challenging and error-prone.

2. Lack of Centralization:

– Information related to complaints might be scattered across various departments, making it difficult to have a unified view of the complaint status.

3. Security Concerns:

– Ensuring data security and confidentiality, especially for sensitive vigilance complaints, can be a significant concern in the existing system.

4. Reporting and Analytics:

– Generating reports and analyzing complaint data for trends, patterns, and compliance monitoring can be manual and time-intensive.

Proposed System:

The "e-Vigilance Complaint Management System App" aims to address these limitations by introducing an efficient, centralized, and user-friendly platform for managing vigilance-related complaints within organizations:

1. User Registration and Authentication:

– The app allows authorized users, such as employees and whistleblowers, to register and log in securely.

2. Complaint Submission:

   – Users can submit complaints through the app, providing details, evidence, and relevant documents.

   – They can categorize complaints based on the nature of the issue (e.g., corruption, ethics violation, harassment).

3. Centralized Complaint Repository:

   – The system centralizes all complaints, making it easy for designated authorities to access, assign, and track them.

   – Notifications are sent to concerned parties when a new complaint is submitted or updated.

4. Assignment and Tracking:

   – Complaints can be assigned to specific investigators or responsible individuals.

   – Users can track the status of their complaints in real-time.

5. Secure Data Handling:

   – The app ensures data security and confidentiality through encryption and access controls.

   – Sensitive information is safeguarded to prevent unauthorized access.

6. Reporting and Analytics:

   – The system provides reporting tools and analytics to help organizations identify trends, patterns, and areas that require vigilance or compliance improvements.

   – Detailed reports can be generated for internal and regulatory purposes.

7.   Document Management:

   – The app allows users to upload and manage documents related to complaints securely.

8.   Audit Trail:

   – An audit trail feature ensures transparency and accountability by tracking all actions related to complaints.

9.   Communication and Notifications:

   – The app facilitates communication between complainants, investigators, and authorities.

   – Automated notifications keep stakeholders informed of complaint progress.

10.   Compliance Monitoring:

   – The system assists organizations in monitoring compliance with vigilance and ethics policies.

11.   User Support:

   – A user support feature provides assistance and guidance to users throughout the complaint process.

On Road Fuel Demand

Software Requirements: –

Front End: HTML5, CSS3, Bootstrap
Back End: PHP, MYSQL
Control End: Angular Java Script

Android Tools:

IDE: Android Studio
Android Emulator
XAMPP 8.1 – 64 bit

Existing Solution

The existing system is the manual system. All the records are maintained in the project. Need to be converted into automated system.In People should push the vehicles or get help to reach nearest gas station.In the above method time and manual work is done by owners of the vehicle.For some aged people or medically ill people it will get even hard.To get fuel to fill generators people need to go to a petrol station.

- Lack of privacy

- Risk in the management of the data.

- Less Security

- Low co-ordination between

- Less User-friendly

- Accuracy not guaranteed

- Not in reach of distant users.

Proposed Solution:

The Project has several features and easy to manage.

1. The System is user friendly.

2. Cost effective.

3. Back up support.

4. Secured Data.

We bring a new solution for refueling automobiles and power backup supply. To develop an application to deliver fuel on demand.

To make sure that quality and quantity is good. In this application provides a door to door supply.

In this system the end user will have advantage to select type of fuel required, order and get the fuel in the place they are standing, which makes the process easier for the user.

Modules

User

- Register
- Login
- Search Fuel Station
- Place order
- Make Payment
- Get Delivery

Fuel Station

- Register
- Login
- Create Fuel Station
- Update/Delete Fuel Station
- Receive order
- Approve Status

Admin

- Login
- Approve/Reject Fuel Station

https://www.irjmets.com/uploadedfiles/paper//issue_6_june_2022/27072/final/fin_irjmets1656418260.pdf

https://ppac.gov.in/uploads/whatsnew/1663838452_ExecutiveSummarySectoralConsumptionStudy.pdf

https://ijarsct.co.in/Paper10032.pdf

eAyurvedic Recommended Solution For All Disease

https://codeshoppy.com/shop/product/eayurvedic-app/

icar : Car Pooling

https://codeshoppy.com/shop/product/icar-polling/