

American International University- Bangladesh

CSC 4261: Advanced Programming in Web Technology

CO1 Evaluation

Project Report

Summer 23-24

Project Title: Entrepreneurial Idea Showcase Platform

Project Domain: Community Services

Group Number: 02

Section: B

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Introduction:

The Entrepreneurial Idea Showcase Platform is being developed to empower judges and entrepreneurs by streamlining the evaluation process, enhancing collaboration, and fostering innovation. This platform aims to provide a comprehensive and efficient solution for managing, reviewing, and showcasing entrepreneurial ideas, ultimately driving growth and success in the entrepreneurial ecosystem.

Problem Analysis

Entrepreneurs lack effective platforms to showcase ideas, receive expert feedback, and connect with investors, hindering startup growth and innovation. Solving this fosters innovation, economic growth, and supports startups. Existing solutions like Gust (gust.com) and AngelList (angel.co) provide similar functionalities, facilitating funding and networking for startups.

Feature Analysis:

1. User Category:
2. Admin
3. Entrepreneur
4. Judge
5. Event Coordinator
6. Feature List:

Admin

1. User Management
2. Submission Management
3. Event Scheduling
4. Competition Management
5. Content Management
6. Feedback Monitoring
7. Analytics Dashboard
8. Notification Management
9. Profile Verification
10. Security Management
11. Support Tickets
12. Investment Tracking
13. Collaboration Tools
14. Survey Management
15. Audit Logs
16. System Updates

Entrepreneur

1. Registration
2. Login
3. Submit Idea
4. Edit Submission
5. Upload Prototype
6. View Submission Status
7. Receive Feedback
8. Schedule Presentations
9. Profile Management
10. Notifications
11. FAQ and Support
12. View Entrepreneur
13. Send Mail
14. Update Enterpreneur

Judge

1. Registration
2. Login
3. View Judge
4. Get Notification
5. Add Collaborator
6. Get Idea
7. Give Feedback
8. Delete Feedback
9. Rating Presentation
10. Delete Rating
11. Do Invest
12. Send Mail
13. View Prototype
14. Score Submission
15. Delete Submission

Event Coordinator

1. Event Management
2. Track Event Progress
3. Entrepreneur Support
4. Profile Management
5. Communication Hub
6. Resource Allocation
7. Schedule Management
8. Notification Management
9. Feedback Collection
10. Analytics Dashboard
11. Event Promotion
12. Vendor Coordination
13. Content Management
14. Participant Registration
15. Reporting
16. Budget Management
17. Volunteer Coordination

Design:

Use Case diagram

A diagram of a company

Description automatically generated

ER diagram

A diagram of a company

Description automatically generated

Tools Used:

To develop this project, we have used the following:

* 1. VS Studio Code
  2. Postman
  3. pgAdmin
  4. UML
  5. draw.io

System Images against the Specification:

draw.io:

A versatile online diagramming tool with a user-friendly interface for creating various diagrams, offering drag-and-drop functionality, real-time collaboration, and integration with cloud storage services.

UML (Unified Modeling Language):

A standardized language for visualizing, specifying, constructing, and documenting software systems, comprising Class, Use Case, Sequence, Activity, State, and Component diagrams to depict system structure and behavior.

Impact of this Project:

Describe the increasing importance of your project on modern society and the environment. How will people benefit from your project?

The Entrepreneurial Idea Showcase Platform is increasingly vital in modern society, fostering innovation and entrepreneurship. By providing a structured environment for idea evaluation and collaboration, it empowers entrepreneurs, promotes sustainable business practices, and drives economic growth. The platform benefits users by offering networking opportunities, access to feedback and resources, and a streamlined process for showcasing and refining their ideas, ultimately leading to successful, impactful ventures.

Limitations and Possible Future Improvements:

Current limitations include limited scalability for large user bases, potential security vulnerabilities, and reliance on user-provided content quality. Future improvements could involve enhancing security measures, integrating AI for better idea evaluation, expanding scalability, and providing more robust support and resources for entrepreneurs to refine and develop their ideas.

Mock-Ups:

ERD:

A diagram of a company

Description automatically generated

A diagram of a company

Description automatically generated

A diagram of a company

Description automatically generatedA diagram of a company

Description automatically generated

Use Case:

A diagram of a company

Description automatically generated  
A diagram of a diagram

Description automatically generated with medium confidence

A diagram of a diagram

Description automatically generated with medium confidence

A diagram of a diagram

Description automatically generated

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| CO1 Evaluation: Project Report Evaluation | | | |
| Problem  Analysis  (5) | Use Case  Diagram  (5) | ER  Diagram  (5) | Total (15) |
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