Front End Engineering-II

Project Proposal

Semester-III (Batch-2023)

ALOHRA GENKWIZ

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FEE-II PROJECT PROPOSAL

Website: ALOHRA GENKWIZ(Enviornmental awareness website)

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Abstract:

ALOHRA GENKWIZ

Introduction to Our Alohra GenKwiz Environmental Awareness Quiz
Welcome to our Environmental Awareness Quiz, designed especially for college students like you! Our planet faces numerous environmental challenges, and it is more important than ever for the younger generation to be informed and proactive. This quiz is your opportunity to test and expand your knowledge about the environment, sustainability, and the impact of human activities on our planet.

Key Feature:

1. User-Friendly Interface:

Intuitive Design: Easy-to-navigate interface with clear instructions.
Responsive Design: Optimized for both desktop and mobile devices.
Diverse Question Types:

2. Multiple Choice, True/False, Matching, and Short Answer: Various formats to assess and enhance knowledge.
Comprehensive Coverage of Topics:

3. Climate Change, Renewable Energy, Conservation, Pollution, and Sustainability Practices: Wide range of topics to ensure thorough understanding.

Educational Resources:

1. Explanatory Feedback: Detailed explanations for each answer.
Further Reading: Links to additional articles, videos, and resources.
Gamification Elements:

2. Progress Tracking, Achievements and Badges, and Leaderboards: Features to motivate and engage users.
3. Difficulty Levels and Topic Selection: Options to tailor quizzes to individual knowledge levels and interests.
4. Performance Analytics:

5. Detailed Reports and Progress Over Time: Insights into user performance and improvement areas.

Community Engagement:

1. Discussion Forums and Collaborative Challenges: Spaces for user interaction and group activities.

Software Requirements:

- <u>Technologies used</u>: HTML, Javascript,CSS
- <u>React</u>: A popular JavaScript library for building user interfaces.
- <u>Bootstrap</u>: A CSS framework for developing responsive and mobile-first websites.
- <u>Stripe</u>: A suite of payment APIs that powers commerce for online businesses

Market Competitors:

- Kahoot!
- Quizlet
- EcoChallenge
- National Geographic Kids
- BBC Bitesize

Target Audience:

- **College Students:**

1. Primary Audience: The main users of the quiz will be college students across various disciplines. This group includes:
2. Environmental Science Students: Students specializing in environmental studies or related fields.
3. General Science Students: Those enrolled in general science courses who need to understand environmental issues.
4. Non-Science Students: Students from other disciplines who have an interest in environmental issues or are taking elective courses on sustainability.

- **Educators and Professors:**

1. Secondary Audience: Educators who can use the quiz as a teaching tool in their curriculum.
2. Environmental Science Professors: Instructors who want to supplement their teaching materials with interactive quizzes.
3. General Education Teachers: Teachers who wish to incorporate environmental awareness into their broader educational programs.

- **Environmental Clubs and Organizations:**

1. Engagement Audience: Campus groups focused on environmental issues.
2. Student Organizations: Clubs and societies that promote sustainability and environmental action.
3. Green Initiatives: Campus-based initiatives aimed at promoting eco-friendly practices.

- **Young Professionals and Activists:**

1. Tertiary Audience: Young individuals who are active in environmental advocacy and want to test and expand their knowledge.
2. Aspiring Environmentalists: Those looking to build a career in environmental science or advocacy.
3. Activists: Individuals involved in environmental activism who want to stay informed and educated.

- **General Public with Interest in Environment:**

1. Extended Audience: People who are generally interested in learning about environmental issues.

2. Eco-conscious Individuals: People who are already practicing sustainability and want to further their knowledge.
3. Curious Minds: Individuals who are new to environmental issues but are eager to learn.

By focusing on these target audiences, the Environmental Awareness Quiz website can effectively promote environmental education and awareness, fostering a culture of sustainability and informed action across various segments of society.

COMPARISON BETWEEN OTHER SITES:

Feature	Our Website	Kahoot!	Quizlet
Focus	Environmental awareness	Wide range of topics	Wide range of subjects
Target Audience	College students, educators	General audience, students, educators	General audience, students, educators
Interactivity	High – diverse question types	High – game-based learning	Moderate – flashcards, quizzes
Customization	High – difficulty levels, topic choice	Limited – pre-made quizzes	Limited – user-created study sets
Educational Depth	Detailed feedback, further reading	Limited – quiz-focused	Limited – basic explanations
Gamification	Progress tracking, achievements	High – points, leaderboards	Low – basic mechanics