



J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS



Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH



Organized by



TEAM DETAILS

1

Selected Track

- Heritage and culture

2

Problem Statement Title -

Gamifying Heritage Learning for Youth

3

Team Name

- Tech-rangers

4

Team Lead

- Shiva teja sagar

5

Dept. Name

- Information Technology

TELANGANA HERITAGE QUIZ

WE ARE DEVELOPING A HERITAGE-BASED QUIZ GAME THAT MAKES LEARNING ABOUT HISTORICAL AND CULTURAL SITES FUN AND INTERACTIVE. WHEN A USER SELECTS A PARTICULAR HERITAGE SITE, THE GAME WILL DISPLAY QUIZ QUESTIONS RELATED TO THAT LOCATION'S HISTORY, ART, ARCHITECTURE, AND FOLKLORE. AFTER EACH QUESTION, WHETHER THE ANSWER IS RIGHT OR WRONG, THE CORRECT INFORMATION WILL BE SHOWN IMMEDIATELY, HELPING USERS LEARN ACCURATE FACTS ON THE SPOT. THIS WAY, PLAYERS CAN EXPLORE AND UNDERSTAND THE IMPORTANCE OF EACH HERITAGE SITE IN A PLAYFUL AND ENGAGING MANNER, TURNING EDUCATION INTO ENTERTAINMENT WHILE PROMOTING AWARENESS OF OUR CULTURAL HERITAGE.

TECHNICAL APPROACH

- Frontend: HTML, CSS, JavaScript for interactive UI and smooth slide transitions.
- Features: Dynamic backgrounds for each heritage site, quiz interaction, responsive design.
- Quiz Logic: JavaScript-based; displays correct/incorrect answers with brief site info.
- UX Design: Minimalist layout with smooth animations and informative overlays
- Deployment: Hosted on GitHub Pages / Netlify for public access.
- Future Scope: Add 3D models (Three.js), audio guides, and AI chatbot for site info.

FEASIBILITY AND VIABILITY

- Technical Feasibility: Uses basic web technologies (HTML, CSS, JS) — easily implementable with minimal resources.
- Operational Feasibility: Simple, user-friendly interface accessible on any device.
- Economic Feasibility: Low-cost development; free hosting options available (GitHub Pages / Netlify).
- Time Feasibility: Can be developed within a short duration (2–3 weeks).
- Viability: Promotes cultural awareness, supports tourism, and can scale with AR/3D features in future.

IMPACT AND BENEFITS

- cultural Preservation: Digitally showcases heritage sites for future generations.
- Tourism Boost: Attracts visitors through interactive visual experiences.
- Educational Value: Helps students and researchers learn about historical monuments.
- Global Accessibility: Anyone can explore heritage sites from anywhere.
- Community Awareness: Encourages pride and interest in local culture.

Team Member's Information

Team Leader Name: (shiva teja sagar)

Year: II Department: IT Roll Number: 24671A1275

Team Member 1 Name: (T.Jashwanth reddy)

Year: II Department: IT Roll Number: 24671A12C2

Team Member 2 Name: (Varun sai tungana)

Year: II Department:IT Roll Number: 24671A12C3

Team Member 3 Name: (S.Venkata Sri Varun)

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THANK YOU.