



SYNOPSIS

ON

The Event Photo Sharing through full stack development

Submitted By:

Submitted To:

1. Bharat Sachdeva-2115000289
2. Dipesh Punyani-2115000373
3. Shivangi Srivastava-2115000958

Mr. Akash kumar Choudhary

Technical Trainer

Department of CEA,

GLA University, Mathura

Title of the Project: The Event Photo Sharing through full stack development

Objective:

"Event Photo Sharing" is a full stack development project focused on creating a user-friendly platform for seamless photo sharing during events. The objective is to enable attendees to effortlessly upload, share, and access event photos in real-time while prioritizing privacy, security, and cross-device compatibility.

Scope:

The scope of the "Event Photo Sharing" project involves the development of a full stack platform enabling users to upload, share, and access event photos in real-time. It encompasses features for user-friendly photo uploading, secure sharing options, and cross-device compatibility. The platform aims to enhance the event experience by facilitating seamless photo sharing among attendees while prioritizing privacy and security measures.

Methodology:

The methodology for the "Event Photo Sharing" project involves:

1. **Requirement Analysis:** Understanding the needs of event attendees and organizers for effective photo sharing.
2. **Design and Prototyping:** Creating user-friendly interfaces for photo uploading, sharing, and access.
3. **Backend Development:** Implementing robust backend systems for data storage, retrieval, and real-time photo updates.
4. **Frontend Development:** Designing intuitive user interfaces for seamless navigation and interaction.
5. **Testing and Iteration:** Conducting rigorous testing to ensure functionality, usability, and security.
6. **Deployment:** Launching the platform and continuously refining based on user feedback and technological advancements.

Proposed System:

The proposed system for the "Event Photo Sharing" project is a comprehensive full stack platform designed to facilitate seamless photo sharing during events. Key features include:

1. **User-friendly Interface:** Intuitive interfaces for easy photo uploading, sharing, and access.
2. **Real-time Updates:** Capability for real-time photo updates to ensure attendees can view the latest event moments.
3. **Secure Sharing:** Implementation of secure sharing options to protect users' privacy and data.
4. **Cross-Device Compatibility:** Compatibility across various devices such as smartphones, tablets, and desktops for accessibility.
5. **Robust Backend Infrastructure:** Backend systems for efficient data storage, retrieval, and management of event photos.
6. **Scalability:** Design considerations for scalability to accommodate large volumes of photo uploads and users during events.

Features:

1. **User Registration and Authentication**
2. **Photo Upload**
3. **Real-time Sharing**
4. **Privacy Controls**
5. **Social Sharing**
6. **Responsive Design**

Implementation Plan:

1. Requirement Gathering and Planning
2. Technology Selection
3. Frontend Development
4. Backend Development
5. User Authentication and Photo Upload
6. Real-time Updates
7. Testing and Quality Assurance
8. Deployment and Launch

Team Members:

- Bharat – Full stack Developer
- Dipesh- Full stack Developer
- Shivangi – Full stack Developer

Resources Required:

1. **Development Team:** Frontend developers, backend developers.
2. **Technologies:** Full stack development frameworks (e.g Node.js, Express.js), database systems (e.g. MongoDB).
3. **Hardware:** Computers/laptops for development, testing, and deployment.
4. **Software:** Development tools (e.g., IDEs, version control systems).
5. **Documentation:** Requirements documents, design specifications, user manuals, and technical documentation.
6. **Testing Environment:** Devices for testing across different platforms and browsers.
7. **Deployment Infrastructure:** Web servers .

References:

- W3resources
- Github
- Mdn

Expected Outcomes:

- ☑ Creation of a user-friendly platform for seamless photo sharing during events.
- ☑ Implementation of real-time updates to enable instant photo sharing among attendees.
- ☑ Incorporation of robust privacy controls to safeguard user data and ensure confidentiality.
- ☑ Seamless integration across various devices for enhanced accessibility and user experience.
- ☑ Facilitation of user engagement through features like commenting, liking, and social sharing.

Conclusion:

In conclusion, the "Event Photo Sharing" project successfully leverages full stack development technologies to create a user-centric platform for seamless photo sharing during events. By prioritizing real-time updates, robust privacy controls, and cross-device compatibility, the platform enhances user engagement and fosters meaningful connections among attendees. With a focus on innovation and user experience, the project aims to redefine the way events are documented and shared, leaving a lasting impact on event experiences worldwide.