

Bangladesh University of Business and Technology
(BUBT)



CSE 200: Software Development Project II

PROJECT PROPOSAL

On

Event Management Application

Full Id	Name	Intake
21221203067	Nasirul Islam	40-1
21221203059	Md.Rakib hosen	40-1
21221203063	Sabid Rahman	40-1
21221203062	Segufta Nasrin Tamanna	40-1
21221203024	Farjana akther	40-1

Submitted To

Sondip Poul Singh (SPS).

Lecturer, department of CSE .

Table Of Contents

No.	Title	Page
1	Introduction	2
2	Project Background	2
3	Methodology	3
4	Features	3
5	Feasibility Study	4
6	Limitations	4
7	Technology	5
8	Team Activity	5
9	Conclusion	5

Introduction : The purpose of this project proposal is to outline the development of an Event Management Application, using Python. We are building a system for organizing and managing events, allowing users and authorities to create new events, view event details, update event information, and cancel or delete events. Which aims to streamline the process of planning, organizing, and managing events. The application will provide a user-friendly interface and a comprehensive set of features to facilitate event coordination and enhance the overall event experience.

Project Background : In today's fast-paced world, organizing events can be a challenging task. Existing manual systems are inefficient and lack the necessary tools to effectively manage huge amount of event of different occasion. Event planners often face difficulties in managing various aspects of an event. The proposed Event Management Application aims to address these challenges by leveraging technology to automate and simplify event management processes.

Methodology: The development of the Event Management Application will follow an iterative and agile approach, ensuring flexibility and adaptability throughout the project lifecycle. The methodology will involve the following key steps:

Requirement Gathering: Conducting in-depth research and interviews with event planners and organizers to identify their pain points, needs, and desired features.

Design and Prototyping: Creating wireframes and mockups to visualize the user interface and user experience of the application. Soliciting feedback from stakeholders and refining the design based on their input.

Development: Implementing the application using modern app development technologies and frameworks. For implement the system we will use Python programming language, and Python populer GUI Librarie Tkinter, including MYSQL database. We will ensure modularity and maintainability. We will strive to uphold best coding practices and industry standards. Following best practices for security, scalability, and performance.

Testing: Conducting comprehensive testing to ensure the application is robust, reliable, and free from bugs. Performing both functional and non-functional testing to validate the application's features and performance.

Deployment and Maintenance: Deploying the application to a suitable hosting environment and providing ongoing maintenance and support to address any issues and implement enhancements.

Features: The event management application will involve the following key features :

Features for Admin:

- > Admin can Approve new event.
- > Admin can Upgrade event.
- > Admin can Repeal an event.

Features for Admin:

-> User can Create New Event.

-> User can See all event.

Feasibility Study: Before proceeding with the development of the Event Management Application, a feasibility study will be conducted to evaluate its viability. The study will focus on the following aspects:

Technical Feasibility: Assessing the availability of suitable technologies, tools, and frameworks to develop the application. Evaluating the scalability and performance requirements to ensure the application can handle a high volume of events and users.

Financial Feasibility: Estimating the project budget, including development costs, hosting expenses, and ongoing maintenance expenses. Identifying potential revenue streams, such as subscription fees or advertisements, to ensure the project's financial sustainability.

Market Feasibility: Analyzing the target market for event management applications and identifying potential competitors. Conducting market research to validate the demand for such an application and identifying unique selling points to differentiate it from competitors.

Limitations: While the Event Management Application aims to address the challenges faced by event planners, there are certain limitations to consider:

Hardware and Device Compatibility: The application's compatibility with various devices and operating systems may be limited, depending on the chosen development approach.

Internet Connectivity: The application's functionality may be dependent on internet connectivity, which could pose limitations in areas with poor or unreliable internet access.

User Adoption: The success of the application relies on event planners and organizers adopting and actively using it. Encouraging user adoption and addressing any resistance to change may pose challenges.

Technology:

Language: Python,

Library (GUI): Tkinter,

Database: MySQL.

Team Activity:

Id	Name	Designation	Responsibilities
21221203067	Nasirul Islam	Team Leader	Works to achieve project goals.
21221203059	Md.Rakib hosen	Team Member	consultant
21221203063	Sabid Rahman	Team Member	consultant
21221203062	Segufta Nasrin Tamanna	Team Member	consultant
21221203024	Farjana akther	Team Member	consultant

Conclusion : The proposed Event Management Application offers a promising solution to simplify and streamline event planning and management processes. By leveraging technology and following a comprehensive development methodology, this application aims to enhance the efficiency and effectiveness of event organizers while providing a seamless experience for event attendees. Through careful feasibility analysis and addressing the identified limitations, we believe this project has the potential to make a significant impact in the event management industry.