Affiliated to Tribhuvan University

LUMBINI ICT CAMPUS

Gaindakot, Nawalpur

Project Proposal On

"Event Management System"

Submitted By:

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1.INTRODUCTION

A plan for planning and carrying out an event is outlined in an event management proposal. It includes a thorough description of the event, including its goals, target market, budget, logistics, and marketing plans. It acts as a comprehensive guide for event planners.

The proposal is a crucial tool for event planners since it enables them to explain their concepts, plans, and ideas to other parties, such as clients, sponsors, and partners. It also acts as a guide for organizing the event, ensuring that every detail is well-planned and carried out without a hitch.

1.1 Background Study

An in-depth analysis of the present event management landscape, a study of prospective users' demands, and a careful examination of the technology and tools on the market should all be included in the background research for an event management system proposal.

Current event management environment: Doing a thorough evaluation of the current event management landscape should be the first step in the background investigation. The developments in the sector, difficulties event managers confront, and effective event management techniques should all be covered. A range of sources, such as business periodicals, scholarly journals, and online sites, should be used when conducting research.

After establishing the current environment, the following stage is to examine the requirements of possible consumers.

1.2 Statement of problem

Manual event management is frequently error-prone and time-consuming. The event management process needs to be automated in order to reduce burden and improve efficiency. Manual event management is frequently error-prone and time-consuming. A software program that can automate the event management procedure is required in order to lessen workload and error risk. Minimizing the chance of mistakes.

1.3 Objective

We have set couples of goals to meet the standard of the system.

- The creation of an event management system that can automate the event management procedure is the goal of this project.
- The system should offer a quick and easy way to manage events,
- Including choosing a location, setting a budget, making plans, and organizing logistics.

2. METHODOLOGY

2.1 Introduction

Figure: Waterfall Model

2.2 Requirement Engineering

We will collect and examine the event management system's needs throughout this phase. The following specifications will be taken into account:

2.2.1 Feasibility study

1. Technical Feasibility

The proposed system is very much technically feasible. This software is very much concerned with specifying equipment and will successfully satisfy almost all the admin's requirements. The technical need for this system may vary considerably but include:

a. The facility to produce the output in given time.
b. Ability to process data in particular speed.
c. Response time under certain conditions.
   Therefore, the basic input/output of data is identified. So, our proposed system can be easily build up and it will be technically feasible.

2. **Operational Feasibility**

With this system, the admin has the information on his finger tips and can easily prepare a good record based on their requirements. It also saves the time of the user so can say our system is operationally feasible.

3. **Economic Feasibility**

All the hardware and software required for developing this software is easily available and low in cost, we can say that this system is economically feasible.

2.2.2 Requirement Elicitation

Requirements for the project are elicited by conducting open ended interview with the stakeholder.

2.2.3 Requirement validation and categorization

The duplication, ambiguities in the requirements will be settled by conducting review with the supervisor and categorized according to the module/ entities involved in the project

2.3 SRS (Software Requirements Specification)

1. Functional Requirement

There are main three users who operate the system
- Admin
- Users

- Artist

2. Nonfunctional Requirement

We will collect and examine the event management system's needs throughout this phase. The following specifications will be taken into account:

2.4 Design

The system's architecture and design will be developed during this stage. The SRS document's requirements will serve as the foundation for the design. The database organization, user interface, and functionality of the system will all be designed.

2.5 implementation

2.5.1 Tools and Techniques

For the development of the system we will be using React,Tailwind css,Python,Django,Django Rest Framework.

2.5.2Software Requirement

- Platform support: window7 or advanced

- Language: React,Tailwind css,Python,Django,Django Rest Framework
- Software: Visual Studio, SQL Server Management Studio
- Database: SQL server

2.5.3 Hardware Requirement
- RAM: 8GB
- Hard disk: 256 GB

2.6 Testing
For testing thus developed system we use:

A. Unit Testing:
Unit testing is used to test and ensure that the system meets our quality standard.

B. Acceptance Testing:
The testing technique that determine whether or not the system has met the requirement specifications and suited for real-world circumstances and usage.

C.Integration Testing:

After unit testing the project, we merge all the units and do integration testing to see whether the project or module is functioning properly.

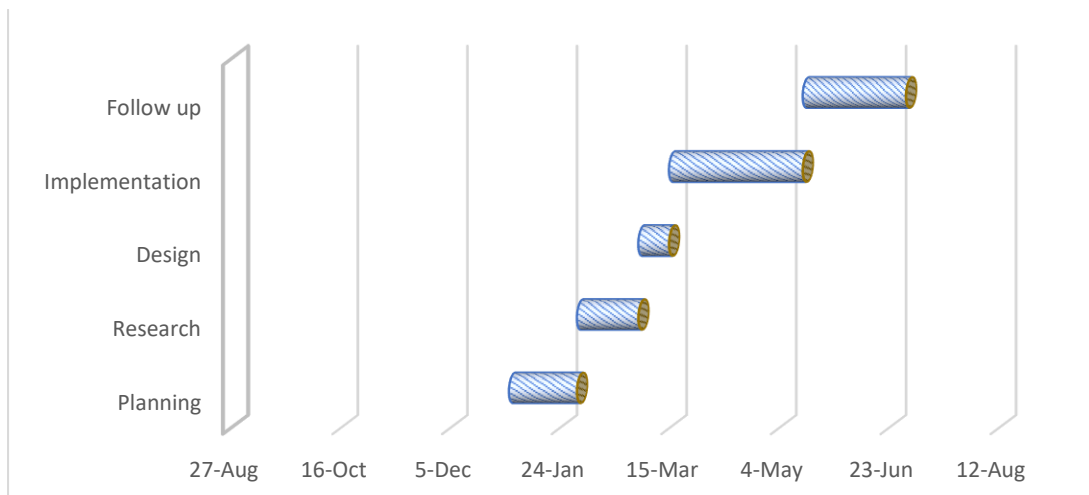## 3. RISKS AND MITIGATING PRACTICES:
Risk 1: Technology risk
Mitigating practices: Make the work place and computer secure.
Risk-2: Time management risk
Mitigating practices: Dividing work equally within the team members and have share every information gathered to members.

4. TIME PLAN
The time estimated to develop our system will be shown using Gantt chart and time table.

REFERENCES

- YouTube
- Google