

**Glam Union– Web Application**  
**Minor Project Synopsis**  
**BACHELOR OF TECHNOLOGY**

(Information Technology)



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## **1. Introduction**

Glam Union is an Online Wedding Management System, a web-based project which focuses on managing Wedding, Venue, Package, Booking, Planner and Blog from this project. The main objective to develop Online Wedding Management System is to overcome the manual errors and make a computerized system.

The main aim of this project is to let the user/customer quote the budget for their wedding and accordingly the listed event managers would quote their prices and user can select any of them in their budget.

In this project, there are various type of modules available to manage Planner, Venue, Wedding. We can also generate reports for Venue, Wedding, Booking, Blog. Here the Wedding module manage all the operations of Wedding, Venue module can manage Venue, Package module is normally developed for managing Package, booking module manages Booking operations, Planner module has been implemented to manage Planner. We have implemented advance search feature for searching records on various criteria for Venue, Wedding, Planner also admin can perform Create, read, update and delete (CRUD) operations on Package, Booking, Blog.

In an overview of this web application, clients have to register in order to use the services.

The Tools and technologies used in this Web application are –

- Technology Stack -HTML, CSS, JAVASCRIPT, PHP, MYSQL
- Framework Used- Bootstrap

## **2. Objectives**

- To manage details of wedding, menu, booking, customer, decoration and all the information about them.
- To let the customer quote the budget for their wedding and accordingly the listed event managers would quote their prices and user can select any of them in their budget.
- To reduce the manual work for managing the wedding, venue, party, booking
- To display the total balance due amount for each client after setting up an advance payment.

### 3. Feasibility Study

The process of conducting a feasibility study in software engineering involves analysing all aspects of the project when planning it before starting it. The process involves collecting data and evaluating different aspects of the project based on specific parameters such as time and budget constraints.

#### **Phase 1: Requirement gathering**

The first phase is done by brainstorming the solution for the problem occurred. At this stage, all possible requirements are collected in order to develop the system by doing questionnaire.

#### **Phase 2: System design**

During this phase, the requirements captured from the first phase are studied and the system design for Glam Union is prepared which specifies hardware and system requirements. This is to ensure that every requirement and any related things need to be done are suitable with the system. This stage will help in defining the overall system architecture for Glam Union.

#### **Phase 3: Implementation**

As the name implies, in this phase the source code is written as per requirements. The information from the previous stage is taken and a working code is written to create a functional product. Small pieces of code will be implemented and then are integrated at the end of this phase or the beginning of the next.

#### **Phase 4: Testing**

Once the implementation is completed, the final product of Glam Union will be tested and evaluated to find any problem that might occur on its performance. Bugs are fixed in this phase. This is also where the system will be determined whether it meets the requirements or not.

#### **Phase 5: Deployment**

In this phase, the complete product of Glam Union will be released and tested to the end-users. They will use the system and give their feedback on whether it needs to be improved or modify. Any modifications or changes are being made based on the feedback from the user to make sure the system is completely fulfilling the requirements.

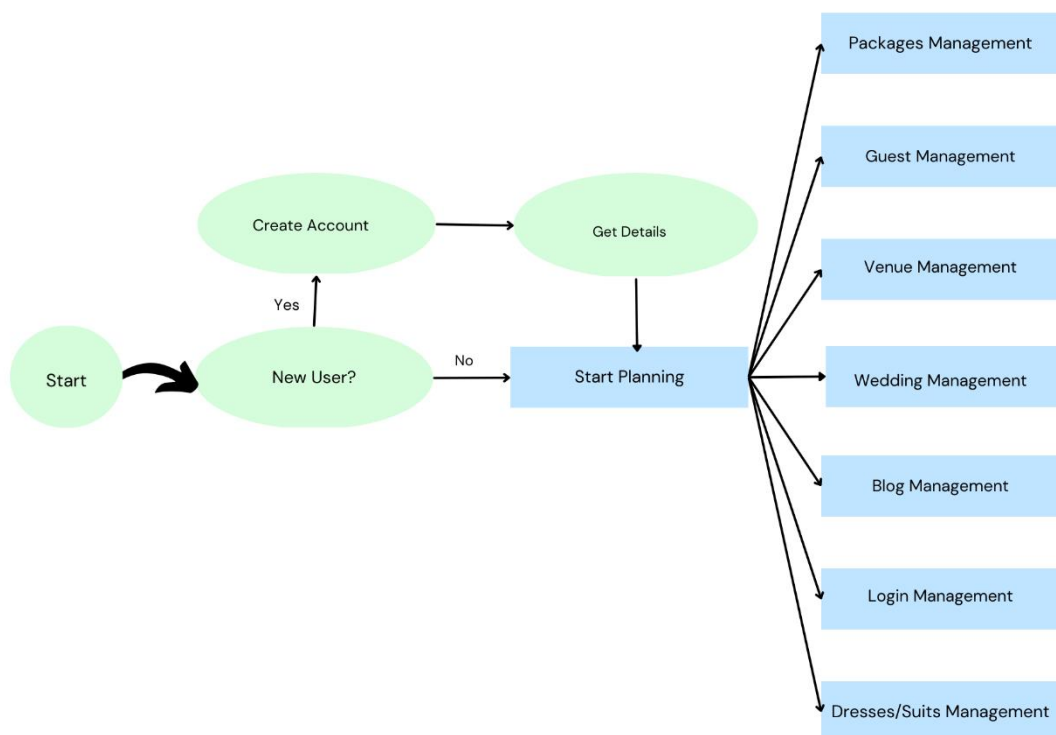
#### **Phase 6: Maintenance**

After the deployment phase, the next step is to provide support and maintenance for the system, making sure it works perfectly as it should. If users come across any errors, defects or bugs during the process, fixing them is the main aim of this stage. To fix those issues, patches are released

## 4. Methodology/ Planning of work

Glam Union is developed using several languages. For the interface, HTML website template. For the programming language, this system used JavaScript language. JavaScript is widely used because it is an open source for general purpose scripting language, can be embedded into HTML and it suits for Web development. This system used HTML5, CSS and JavaScript for the validation. Validation is important to make sure user have a minimum chance to make mistake when inserting data. Open-Source database also used in this system and the database is SQL. For backend we are using PHP, MySQL and VS Code used for writing and editing the code. Installing VS code, the first step for development of Glam Union application, where we can edit and run our code.

The following flowchart depicts the working of our project. Getting started by asking if user exists or not then starting the wedding plan followed by all the categories such as venue, guest, blogs, wedding dresses and packages.



## **5. Facilities required for Proposed Work**

System requirement contains of software requirement and hardware requirement. These are needed to ensure the accomplishment of all processes are well covered. So, every aspect required during implementation phase needs to be determined.

### **5.1 Software Requirement**

Google Chrome, VS Code, SQL database, XAMPP

### **5.2 Hardware Requirement**

CPU, RAM, ROM, Operating System, Windows

## 6. References

- [1] *JavaScript* (no date) *MDN*. Available at:  
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