

# Chapter 1

## INTRODUCTION

### 1.1 Background

A database represents some aspect of the real world, sometimes called the miniworld or the universe of discourse (UoD). Changes to the miniworld are reflected in the database. A database is a logically coherent collection of data with some inherent meaning. A random assortment of data cannot correctly be referred to as a database. A database is designed, built, and populated with data for a specific purpose. It has an intended group of users and some preconceived applications in which these users are interested.

A database management system (DBMS) is a collection of programs that enables users to create and maintain a database. The DBMS is a general-purpose software system that facilitates the processes of defining, constructing, manipulating, and sharing databases among various users and applications. Defining a database involves specifying the data types, structures, and constraints of the data to be stored in the database. The database definition or descriptive information is also stored by the DBMS in the form of a database catalog or dictionary; it is called meta-data. Constructing the database is the process of storing the data on some storage medium that is controlled by the DBMS. Manipulating a database includes functions such as querying the database to retrieve specific data, updating the database to reflect changes in the miniworld, and generating reports from the data. Sharing a database allows multiple users and programs to access the database simultaneously.

### 1.2 Introduction About the project

**Online Wedding Planning** System is a web based project which act as a bridge between potential users and wedding planners. As people spend lots of money on Weddings, Parties and MICE, but they involve their selves in each and every affair in such a way that at the end of the day they feel that they have not seen the wedding of their only Son/Daughter or they have not been able to enjoy the functions. That is why, a Wedding Planner coordinator is required to make people comfortable on the day of the Wedding /Event. So that we have tried to make a web project so that all the planning for the food, venues, invitation cards, booking can be done on time. This project is developed to make the users comfortable to enjoy each and every function along with their family, friends and relatives.

### **1.2.1 The user problem or background of the project effort**

Online Wedding Planners (OWP) is a company which helps to organize successful wedding events for their clients. OWP provides guidance and helps clients in the decision making and planning processes associated with the many aspects of organizing a wedding. Currently, OWP has consultants which meet with their customer base, which represents both clients and vendors alike. These consultants are offering their services as advisers and communicators acting as a middle-man between both parties. Currently, the consultants leverage face to face meetings as well as phone calls and emails as a form of immediate communication with the customers. Custom software solutions are being used to support the consultants, in the form of a case management system which offers minimal support for tracking and managing each client's wedding event.

Over Time, the current and potential future customer base has become more technologically affluent, adapting to the internet age and breakthroughs in mobile technology. As a result there is now a high demand by the market to provide online services for customer use. OWP would like to penetrate the e-commerce market and utilize the economies of scale through the development of an online wedding planning tool. The wedding planning tool will become a system accessible online and used by consultants, vendors, and clients alike. Each user base will take a different perspective towards the tool, based on the needs of their roles within the wedding planning system. Clients will use the tool to plan out their weddings. Vendors will use the tool to market and sell their services. Consultants will use the tool to assist in interactions between both clients and vendors. Thus the wedding planning system will solve a large accessibility and communications problem for the OWP, and encourage more interactivity on behalf of all customers and expand the customer base. This solution will also modernize the OWP.

### **1.2.2 Goals of the Project**

1. Venues & Accommodation.
2. Sets, Themes, Concepts & Decorations
3. Menu Planning, F & B and Bar Tendering Services.
4. Music & Entertainment. Wedding Themes
5. Photography: Still & Video.