



WediGo



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1 INTRODUCTION

WediGo is a tool for booking the wedding related things through online by the Customer. It provides the proper management tools and easy access to the all customer needed information.

1.1 Purpose

WediGo is Project that we will develop using above Technology. This Project is about to book appointment which is wedding related things like Wedding Hall, Photographers, and Catering etc.

Basically, User need not go for individual booking .We provide one platform for all user to book such things like wedding hall, Photographers, and Catering etc. within their Budgets.

There is well organized database to store and maintain the record of User and Members (Wedding Hall, Photographers, and Catering etc.)

This SRS for WediGo can also be used for future as basis for detailed understanding on how project was started. It provides a blueprint to upcoming new developers and maintenance teams to assist in maintaining and modifying this project as per required changeability.

1.2 Scope of the Project

WediGo Project is about to book appointment which is wedding related things like Wedding Hall, Photographers, and Catering etc.

Basically, User need not go for individual booking .We provide one platform for all user to book such things like wedding hall, Photographers, and Catering etc. within their Budgets.

1.3 Definitions, Acronyms and abbreviations

SRS	Software Requirement Specifications
DBMS	Database Management System
Blueprint	A design technical plan
HTTP/HTTPS	Hyper Text Transfer Protocol/Secure
EJB	Enterprise Java Beans
API	Application Interface
OS	Operating System
JSP	Java Server Pages
RTM	Requirement Traceability Matrix
FR	Functional Requirement
NFR	Non Functional Requirement

1.4 References

[1] Software Engineering 9th Edition, Ian Sommerville

[2] Fundamentals of Database System, 6th Edition, Ramez Elmasri, Shamkant B. Navathe

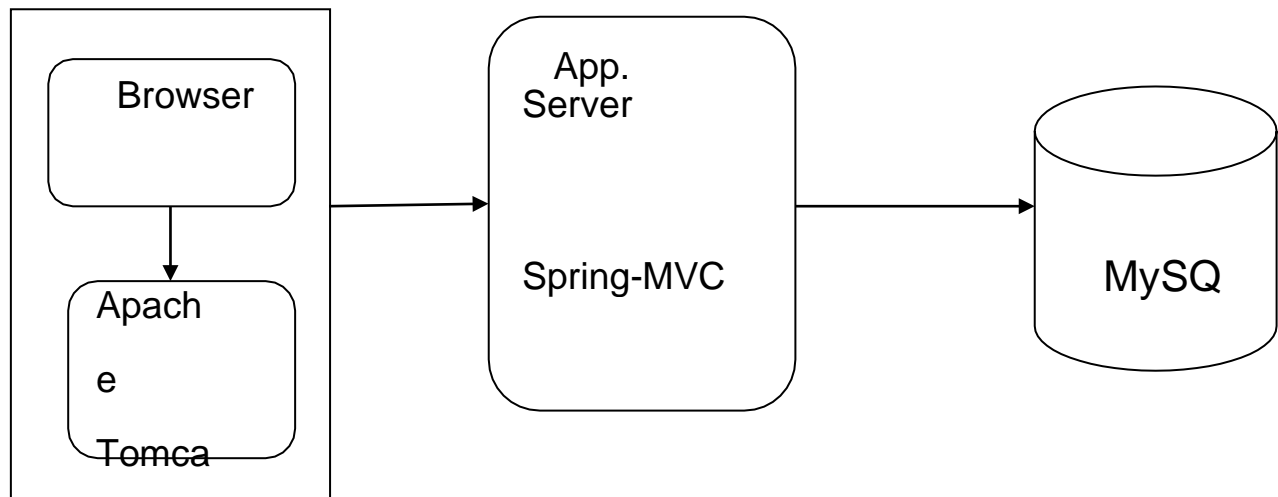
[3] Requirement Engineering: <http://morse.inf.unideb.hu/valseg/gybitt/07/ch02.html>

1.5 Overview

The remaining sections of this documentation describe the overall descriptions which include product perspective and functions, characteristics of users. It also consists of Assumptions, and Constraints. Overall description is listed in section 2. Section 3 includes Specific Requirements which consists of Functional and Non-functional requirements, External Interface Requirements, Software System Attributes, Performance Requirements, Capacity Requirements, Availability Requirements, Safety Requirements and Requirement Traceability Matrix.

2 OVERALL DESCRIPTION

2.1 Product Perspective

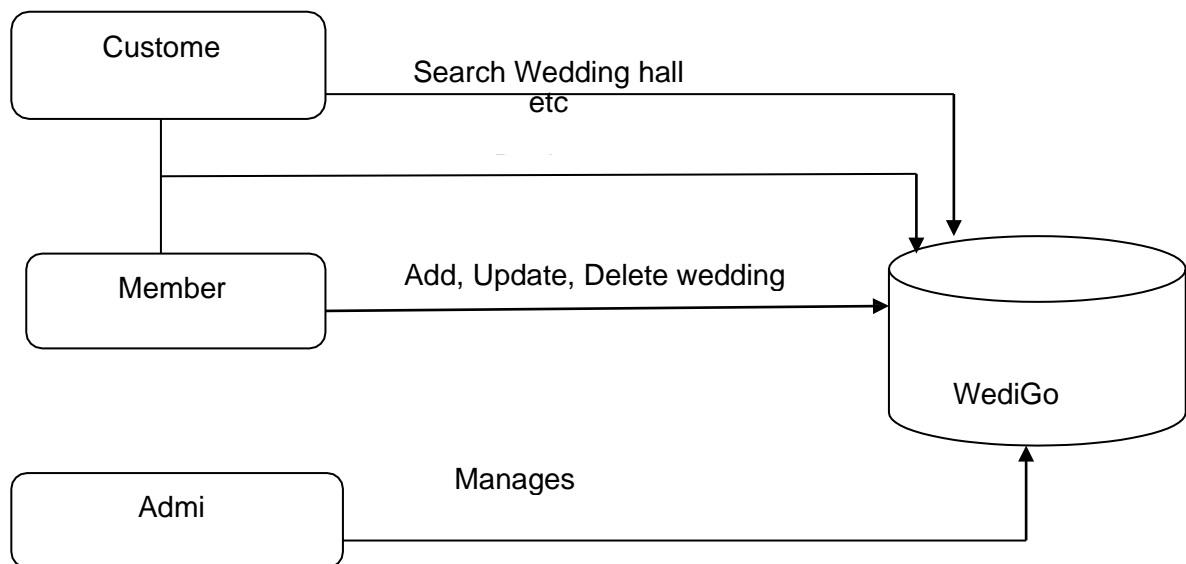


Product Perspective

2.2 Product Functions

Our Product General functions are:

- Customer Registration
- Check for Availability of Wedding related thing.
- Display the thing
- Go for Booking



2.3 User Characteristics

There are 3 user Levels in our Hotel Management System:

A. Administrator

B. Members

C. Customers

Administrator

Administrator has every access to the WediGo system. Admin is solely responsible for managing members as well as customer needs.. Admin can also view any report such as financial customer information, booking information, analyze them and take the decision accordingly. Admin is required to have experience on managing such a website, and have base knowledge of database and application server.

Members

Member's sole purpose is to provide the quality customer service. And it is also responsible for the adding, updating and deleting their own areas like wedding hall, photographer etc.

Customers

Customer is vital part of the system. Once customer have register yourself and then by logging it then system ask what the thing want to book then by submitting the required interest then customer have a list of all members related to their interest and if customer budgets allow to book so they can book a particular thing like Wedding hall , Photographer etc.

2.4 Constraints

- I. **Memory:** System will have only 10GB space of data server.
- II. **Language Requirement:** Software must be only in English.
- III. **Budget Constraint:** Due to limited budget, WediGo is intended to very simple and just for basic functionalities. UI is going to be very simple.
- IV. **Implementation Constraint:** Application should be based on Java only.

2.5 Assumption and Dependencies

It is assumed that system developed will work perfectly that's going to be developed under the Windows OS, and Apache Tomcat Server with MySQL database. If incase of any difficulties, SRS should be flexible enough to change accordingly.

3 SPECIFIC REQUIREMENTS

3.1 External Interface Requirements

3.1.1 User Interfaces

The user interface for system shall be compatible to any type of web browser such as Mozilla Firefox, Google Chrome, and Internet Explorer.

3.1.2 Software Interfaces

Web Server

- Apache Tomcat Server, OS

(Windows) Database Server

- MySQL DB, OS

(Windows) Development

- J2EE, Java,JSP, Spring-MVC, Hibernate, Bootstrap, JavaScript, OS (Windows)

3.1.3 Hardware Interfaces

Server Side			
Monitor	Processor	RAM	Disk Space
Resolution: 1024x768	Intel or AMD 2GHZ	4GB	10GB
Client Side			
Monitor	Processor	RAM	Disk Space
Resolution: 1024x768	Intel or AMD 1GHZ	512MB	2GB

3.2 Functional Requirements

3.2.1 Registration

1. The Customer should be able to register with their details
2. The system should record following customer details into member database.
3. The system shall send verification message to email

3.2.2 Logging In

1. The system should verify the customer email & password against the member database when logging in
2. After login, member should be directed to Booking screen

3.3 Performance Requirements

1. Data in database updated within 2 seconds.
2. Query results must return results within 5 seconds
3. Load time of UI not take more than 2 seconds
4. Login Validation should be done within 3 seconds
5. Response to customer inquiry must be done within 5 minutes.

3.4 Security Requirements

1. All external communications between the data's server and client must be encrypted
2. All data must be stored, protected or protectively marked.

3.5 Capacity Requirements

1. Not more than 10,000 members to be registered
2. System need to handle at least 20 booking during peak hours.

3.6 Availability Requirements

1. Report should be generated automatically every day for manager and anytime upon request.

3.7 Software System Attributes

- **Correctness:** This system should satisfy the normal regular Hotel Management operations precisely to fulfill the end user objectives
- **Efficiency:** Enough resources to be implemented to achieve the particular task efficiently without any hassle.
- **Flexibility:** System should be flexible enough to provide space to add new features and to handle them conveniently
- **Integrity:** System should focus on securing the customer information and avoid data losses as much as possible
- **Portability:** The system should run in any Microsoft windows environment.
- **Usability:** The system should provide user manual to every level of users.
- **Testability:** The system should be able to be tested to confirm the performance

and clients specifications.

- **Maintainability:** The system should be maintainable.

3.8 Requirement Traceability Matrix

The Requirement Traceability Matrix (RTM) reflects the correlation between Non Functional Requirements (NFR) and Functional Requirements (FR). The RTM is a documentation that associates the requirements entirely throughout the validation process. Traceability is regarded to be one of the most important considerations for tracing the requirements.

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