Software Requirements Specification

for

EVENTERS

Version 1.0

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i

Table of Contents

Table of Contents ii

1. Introduction 1

1.1 Purpose 1

1.2 Intended Audience and Reading Suggestions 1

1.3 Project Scope 1

2. Overall Description 2

2.1 Product Perspective 2

2.2 Product Features 2

3. External Interface Requirements 3

3.1 User Interfaces 3

3.2 Hardware Interfaces 3

3.3 Software Interfaces 3

3.4 Communications Interfaces 3

4. System Features 4

4.1 login………………………………………………………………………………………………..4

4.2 log out 4

4.3 sign up 4

4.4 services 5

4.5 add to cart 5

4.6 make payment 5

5. Other Nonfunctional Requirements 6

5.1 Performance Requirements 6

5.2 Safety Requirements 6

5.3 Security Requirements 6

5.4 Software Quality Attributes 6

Ii

1. Introduction:

This section gives a scope description and overview of everything included in this SRS document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

* 1. purpose:

This Software Requirements Specification provides a complete description of all the functions and constraints for “Eventers”, a Web-based Event Management System Version 1.

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered, but may be discarded as the product develops.

In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our client, team and audience see the product and its functionality.

* 1. intended audience and reading suggestions:

The intended readers of this SRS are developers, event heads, managing staffs and the event organizers. Reading the general descriptions before proceeding to the specific requirements would help the readers easily understand the background behind the functions of the system.

* 1. Scope:

“Eventers” is a Web-based Event Management System is used to create a dedicated website to manage and organize events. The accessibility of the system should facilitate the users to search for services related to event management such as search for venue, photographers, caterers or DJs for organizing the perfect event.

The core of the system will reside on a server connected to the internet and the primary interface for the system will be via an internet browser.

1

1. **overall description**
   1. product perspective:

This information can only be accessed by the staff members and the manager/supervisor aside from the developers. All the forms used in the product follows a clear and logical structure. Errors will be minimized through the use of drop-down buttons and command buttons to eliminate the excessive use of text input. Management of data includes searching, adding, modifying and deleting.

* 1. product features:

1. The website has 2 different interfaces. One for admin and the other for the clients

2. The user can enter the website and either search for available services at a particular date or they can search individual service and their provider and book according to the available date.

3. If the user selects a particular service he will be given a list of available services in a dropdown button. Next he will need to go to those available services which show detailed information about that service and add that service to cart. If a user selects a particular service for example booking venue they are taken to the service provider’s information like capacity of hall, price, available date etc. if they like the service they have to add it to cart. At this point the user has to login or signup to our website if he/she is not a member.

4. They can check or uncheck the service according to their budget

5. After adding all the services the user has to confirm that he is taking all of the selected services. Then to confirm booking the user has to pay.

2

1. **External interface requirements:** 
   1. User Interfaces:

The interface of the software will provide options for a relatively easy data input processes text-boxes that will be properly labeled. It will also have a user-friendly view of the whole system with simple and easy undertaking of action-driven processes as command buttons are functionally labeled. With all these, target users of this software will relatively find it not difficult to use it.

* 1. Hardware Interfaces:

To be able to run the system, the minimum requirements of the hardware for this system are:

CPU 2.0 GHz or CPU (laptops) Core 2

CPU (desktops) RAM 2 GB RAM

HDD 60 GB min

7200 RPM6 GB or at least 10% free space (whichever is greater)

The hardware used must have a competent firewall to secure the data in the system

* 1. Software Interfaces

The system was developed to serve as a database for the events' organizers. However, the system requires minimum specifications for the software interfaces to be able to use it efficiently. The system was developed using php version 5 and MySQL database. The operating system (OS) required in order to use the system is at minimum Windows XP, but may also be Windows Vista, or Windows 7. The users need internet connections and browser in order to access the web application.

The application supports all major web browsers and will make it convenient for the users to access our system with ease.

* 1. communication interface:

The Eventers system shall use HTTP protocol to communicate over the internet and for the intranet communication will be through TCP/IP protocol.

3

1. **System Features**

The system will operate in a graphical environment where the users interact with the program by clicking buttons and choosing from menus. However some specific information (e.g. participants name, Address, contact numbers, etc.) requires the user to directly input the data by typing it. It will be fully operational on any personal computer with a Windows operating system.

The system mandates the use of a relational database management system so as to systematically store information in a database. The required relational database management system to be used is the Microsoft Office Access for it is the database application software bundled with the Windows operating system.

The minimum required version of the operating system is Windows XP and any subsequent version of Windows will be compatible with the system

* 1. Login :

1. The user accesses the system.

2. The user is asked to provide username and password on a log-in page.

3. The user provides a correct username and password.

4. The user is logged in and a functionality page is shown

* 1. Logout:

1. The user accesses the system.

2. The user is presented to a page that includes a logout link.

3. The user requests to be logged out

* 1. Sign Up

Users can register themselves as a client on the done platform. According to their choice, they will be presented with a form to complete that requires mandatory fields of information to get them registered on the system. On submission of the form, the input gets stored in the database, but before doing so the password of the user is hashed for security purposes. Even the administrators of the system cannot view the password that is entered by the user.

4

* 1. Services:

The services feature consists of different categories of services available like venue, photographer and DJ. From the services the user can look upon the services and select the service that is required.

* 1. add to cart:

After the user has selected a particular service of his choice he can add it to cart . After that user can continue to look for other available services or make payment for the chosen services.

* 1. Make Payment:

The client makes the payment once he has chosen and confirmed that he is buying a particular service. The payment is first made to the system.

5

1. **Non-Functional Requirements:**
   1. Performance Requirements:

Although the system is a simple one, a literate admin who is able to understand simple computer processes is needed to run the system. An admin is one who is knowledgeable about the ins and outs of the firm and is learned in the field of organizing events. The admin will be the person to enter the data needed into the system, thus an admin needs also be efficient to utilize fully the benefits that can be provided by this software.

* 1. Safety Requirements:

Different information is entered into the database such as information about the different venues, photographers, caterers. Mismanagement of information might cause participant dissatisfaction that will eventually lead to profit loss, only because of mistakes on giving information. In line with this, the organizer should always double check which services are available.

* 1. Security Requirements:

The admin have respective accounts with password that enables only the admin/s to login onto the system. Passwords are required so that no one else can access the system or database.

On submission of the signup form, the input gets stored in the database, but before doing so the password of the user is hashed for security purposes. Even the administrators of the system cannot view the password that is entered by the user.

* 1. Software Quality Attributes:

Correct information must be entered into the system to prevent mismanaged conflicts to occur. This will make the information provided by the system to be reliable and useful. However, in case an error occurs, changes may be immediately effected provided the user notices the error. This is why periodic monitoring and run-through of the database and the system must be done. The target users of the system are deemed to understand basic computer processes so use of this system will be easy for them. They will not need to undergo rigid training and instruction in order to use the software.

6