**Dish\_Is\_Wish**

**Software Requirements SpecificationDocument**

**Table of Contents**

**1.INTRODUCTION**

1.1 Purpose

1.2 Scope

1.3 Definitions, Acronyms and Abbreviations

1.4 Overview

**2.THE OVERALL DESCRIPTION**

2.1 Product Perspective

*2.1.1 Hardware Interfaces*

*2.1.2 Software Interfaces*

2.2 Product Functions

2.3 User Characteristics

2.4 Assumptions and Dependencies

**3. SPECIFIC REQUIREMENTS**

3.1 External Interfaces

*3.1.1 User Interfaces*

*3.1.2 Software Interfaces*

*3.1.3 Hardware Interfaces*

*3.1.4 Communication Interfaces*

3.2 Functional Requirements

3.3 Non-Functional Requirements

*3.3.1 Performance Requirements*

*3.3.2Design Constraints*

*3.3.3Standard Compliance*

*3.3.4Reliability*

*3.3.5Availability*

*3.3.6Security*

*3.3.7Maintainability*

*3.3.8Portability*

**4. CHANGE MANAGEMENT PROCESS**

**5. DOCUMENT APPROVALS**

5.1 Team One Approval

**6. SUPPORTING INFORMATION**

# Introduction

The following subsections of the Software Requirements Specifications (SRS) document provide an overview of the entire system.

## Purpose

The Software Requirements Specification (SRS) will provide a detailed descriptionof the requirements for the Dish\_Is\_Wish. This SRS will allow for a complete under-

standing of what is of the Dish\_Is\_Wish . The clear understanding of the Dish\_Is\_Wish and it’s functionality will allow for the correct software to be developed for the end user and will be used for the development of the future stages of the project. This SRS will provide the foundation

for the project. From this SRS, the Dish\_Is\_Wish can be designed, constructed, and finally tested.

This SRS will be used by the software engineers constructing the Dish\_Is\_Wish and the end users. The software engineers will use the SRS to fully understand of the Dish\_Is\_Wish to construct the appropriate software.

## Scope

The software product to be produced is a Online information for all hotels,restaurants and hotes ,receipes in any where and any time. The system provides all information to user or people for any restaurants ,recipies and also location(address)for restaurnts.These system also allow to Add ur Dish in dish list.

. The end users of the system are,

* Admin
* User/Visitor
* People

The Dish\_Is-Wish objectives is to provide a system to manage different types of Recipies,Exibutions online. The system will effectively work on saving valuable time and efforts of many people for searching google. It provides a quick access to user to find any restaurants,recipies.Its also choiceto add ur dish in Dish list.The system also provides all information about hotels ,restuarnts with their address online. The system should be user appropriate, easy to use, provide easy recovery of errors and have an overall end user high subjective satisfaction.

## Definitions, Acronyms, and Abbreviations.

* SRS – Software Requirements Specification
* O.S.-Operating System
* Subjective satisfaction – The overall satisfaction of the system
* End users – The people who will be actually using the system

## Overview

The SRS is organized into two main sections. The first is The Overall Description and the second is the Specific Requirements. The Overall Description will describe the requirements of the Dish\_Is\_Wish from a general high level perspective. The Specific Requirements section will describe in detail the requirements of the system.

# The Overall Description

Describes the general factors that affect the product and its requirements. This section does not state specific requirements. Instead, it provides a background for those requirements, which are defined in section 3, and makes them easier to understand.

## Product Perspective

TheDish\_Is\_Wish is a product that focuses on Searching information for restuarnts ,hotels,Recipies web or Website. It generally help to find the Restuarants ,arecipies,Hotels in particular place in one place..

### Hardware Interfaces

**Server Side:**

The web application will be hosted on one of the department’s Windows servers and connecting to one of the MySQL Database server. The web server is listening on the web standard port, port 80.

**Client Side:**

The system is a web based application.clients are requiring using a modern web browser

such as Mozilla Firebox , Internet Explorer 8.0 and Enable Cookies. The computer must have an Internet connection in order to be able to access the system.

### Software Interfaces

An Operating System is capable of running a modern web browser which supports HTML

version 3.2 or higher.

The database for the Dish\_Is\_Wish will be configured using PHP MySQL . The database tables include Admin, Restaurnts, login, Kitchen compass, News , Recipies, Add to Wish List, reports, . These can be modified by the admin only.

* The Dish\_Is\_Wish database include all the information about restuarnts,Hotels with address of particular place,Kitchan compass and its users information.

## Product Functions

Dish\_Is\_Wish is used to create and manage different types of contests online.This software help the user to easy access the information of students .This software is useful for organizations to promote their products.

* Allows for Add to Dish in List for favorite Dish.
* Saving time.

## User Characteristics

The users are assumed to have basic knowledge of the computers and Internet browsing. The administrator of the system to have more knowledge of the internals of the system and is able to rectify the small problems that may arise due to disk crashes, power failures and other catastrophes to maintain the system.

## Assumptions and Dependencies

The users have sufficient knowledge of computers.The user computer should have Internet connection and Internet server capabilities.The users know the English language, as the user interface will be provided in English. The product can access the Dish\_Is\_Wish database.

# Specific Requirements

This section contains all the software requirements at a level of detail, that when combined with the system Data Flow diagram, Use Case diagram, Class diagram, Sequence diagram,Activity diagram,and Collaboration diagram, are sufficient to enable designers to design a system to satisfy those requirements, and testers to test that the system satisfies those requirements.

## External Interfaces

The Dish\_Is\_Wish will use the standard input/output devices for a personal computer. This includes the following:

* Keyboard
* Mouse
* Monitor
* Speakers

### User Interfaces

The User Interface Screens are described in table 1.

All pages of the system are following a consistent theme and clear structure.The occurrence of errors are minimized and care is taken that user will interact with the system with ease. JavaScript implement in HTML in order to provide a Data Check before submission. HTML Tables to display information to give a clear structure that easy to understand by user.

Each level of user will have its own interface and privileges tomange and modify the project information as per its role.

Table : Student Information System User Interface Screens

| **Screen Name** | **Description** |
| --- | --- |
| Login | Log into the system as a admin, organizer, participant or an anonymous user who can vote for a contest entry. |
| Registration | Allow user to sign up to use the I-compete app. |
| Home page | Includes overall view of what I-compete is capable of giving. |
| Restuarnts | Provides a customizable online editor to create a contest. |
| Kitchen Compass | Allows inviting people to contest page. |
|  | . |
|  |  |
|  |  |
|  |  |

### Software Interfaces

An OS is capable of running a modern web browser which supports HTML version 3.2 or higher.

Database for the Dish\_Is\_Wish will be configured using PHP MySql.

### Hardware Interfaces

**Server Side:**

The web application will be hosted on the Windows servers and connecting to one of the MySQL Database server. The web server is listening on the web standard port, port 80.

**Client Side:**

The system is a web based application.clients are requiring using a modern web browser

such as Mozilla Firebox , Internet Explorer and Enable Cookies. The computer must have an Internet connection in order to be able to access the system.

### Communication Interfaces

The HTTP protocol will be used to facilitate communications between the client and server.

## Functional Requirements

Functional requirements define the fundamental actions that system must perform..

1. Ability to have a detailed information about the Hotels,Restuarnts.
2. Ability to have maintained all information about hotels,restuarnts,recipies.

## Nonfunctional Requirements

Non Functional requirements define the needs in terms of performance, logical database requirements, design constraints, standards compliance, reliability, availability, security, maintainability, and portability.

### Performance Requirements

Performance requirements define acceptable response times for system functionality.

* The load time for user interface screens shall take no longer than two seconds.
* The log in information shall be verified within five seconds.
* Queries shall return results within five seconds.

### Design Constraints

**Software Language Used**

The languages that shall be used for coding the I-Compet are Yii PHP framework,

Javascript, HTML.

**Development tools**

Will make use of the available Yii framework for PHP development. Also will make use of the online references available for developing programs in PHP, HTML.

### Standards Compliance

There shall be consistency in variable names within the system. The graphical user interface shall have a consistent look and feel.

### Reliability

The system has to be very reliable due to the importance of data and the damages incorrect or incomplete data can do.

### Availability

The system is available 100% for the user and is used 24 hrs a day and 365 days a year.The

system shall be operational 24 hours a day and 7 days a week.

### Security

Organizer, participant and admin will be able to log in to the Dish\_Is\_Wish. The Admin will have acces to all system.Access to the various subsystems will be protected by a user log in screen that requires a user name and password.

### Maintainability

The Dish\_Is\_Wish is being developed in PHP. PHP is an open source language and shall be easy to maintain.

### Portability

The Dish\_Is\_Wish shall run in a modern web browser which supports HTML version 3.2 or higher.

# Change Management Process

Changes to this document may be made after approval from the project manager.

# Document Approvals

## Team One Approval

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Date

**6Supporting Information**

A system context diagram as well as use cases and use case descriptions have been developed in separate documents.