**TEAMDUTY Web-application**

Software Requirement Specification

**By**

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**Table of Contents**

# Chapter One | Introduction

## Objective

The Objective of this (SRS) Software requirement specification is establish requirement for TEAMDUTY Web application

## Intended Audience and Reading Suggestions

## 1.3 Project Scope

# Chapter Two | Overall Description

## 2.1 Product Perspective

## 2.2 Product Features

## 2.3 User Classes and Characteristics

## 2.4 Operation Environment

## 2.5 Design and Implementation Constraints

# Chapter Three | User Requirement

User is a person using a generic system. There are 3 type of user, which interact to Team Duty Web application system is **service request customer**, **freelance supply** and **Administrator**.

**Feature #1 - Account management system.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **URS.NO** | **Description** | **Users related** | | |
| **service request customer** | **freelance supply** | **Administrator** |
| URS-01 | The users can login, log out after register themselves as both as *service request customer* and *freelance supply*. |  |  |  |
| URS-02 | The ***service request customer*** can manage to add or edit Picture, Name, Company name, Address, Introduce yourself, and Telephone number in profile detail as *service request customer*. |  |  |  |
| URS-03 | The ***freelance supply*** can manage to Add or Edit Picture Name, Skill, Address, Introduce yourself, and Telephone number in Profile detail as *freelance supply*. |  |  |  |

**Feature #2 - Service request customer management system.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **URS.NO** | **Description** | **Users related** | | |
| **service request customer** | **freelance supply** | **Administrator** |
| URS-04 | The ***service request customer*** can post job and Detail as Project Name, Budget, Information and skill required to system that show to both of user as *service request customer* and *freelance supply*. |  |  |  |
| URS-05 | The ***service request customer*** can send request to freelancer form ‘freelancer requested bid message’ on the project that posted. |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **URS.NO** | **Description** | **Users related** | | |
| **service request customer** | **freelance supply** | **Administrator** |
| URS-06 | The ***service request customer*** can cancel request form ‘freelancer requested bid message’ on the project that posted. |  |  |  |
| URS-07 | The ***service request customer*** can view Picture Name, Skill, and Address, Introduce yourself, and Telephone number in Profile detail of freelancer. |  |  |  |

* = User associated with that #URS

# Chapter Four | System Feature

## 4.1 Software Requirement Specification

**Feature #1 account management system.**

**URS1** - The users can login, log out after register themselves as both as *service request customer* and *freelance supply*.  
**URS2** - The ***service request customer*** can manage to add or edit Picture, Name, Company name, Address, Introduce yourself, and Telephone number in profile detail as *service request customer*.

**URS3** - The ***freelance supply*** can manage to Add or Edit Picture Name, Skill, Address, Introduce yourself, and Telephone number. Profile detail as *freelance supply*.

**//URS1: The users can register themselves as a customer.**SRS 01- The system provides the UI which receive email, password and confirm password for registration.   
SRS 02 - The system shall check the email format. The email format should be

SRS 03 - The system can check the password format. The password format must be 6-20 characters.

SRS 04 - The system can check the matching of password and confirm password.

SRS 05 - The system shall send link to email to confirm registration.

SRS 06 - The system shall add new user information to database using email, password and confirm password.

SRS 07 - The system shall display error message “The email must not empty”

SRS 08 - The system shall display error message “The password must not empty”

SRS 09 - The system shall display error message “The confirm password must not empty”

SRS 10 - The system shall display error message “The email is not valid”

SRS 11 - The system shall display the error message “The password length must be 6-20”

SRS 12 - The system shall display the error message “The password and confirm password is not match”

SRS 13 - The system shall display the error message “The email is already existed”.

SRS 14 - The system shall connect to database

**URS2- The user can log in.**

SRS 15 - The system shall provide login interface which receive username (email) and password.

SRS 16 - The system shall validate username and password which matched with database.

SRS 17 - The system shall display the error message. “Error, the username and password is not correct”.

SRS 18 - The system can check the password format. The password format must be 6-20 characters.

SRS 07- The system shall display error message “The email must not empty”

SRS 08 - The system shall display error message “The password must not empty”

SRS 14 - The system shall connect to database

**URS3- The users can log out**

SRS 17- The system shall provide logout interface for logged out the system.

SRS 18- The system shall log username (email) and password out of the system.

**URS4-The user can manage their profile as employer (enterprise).**

SRS 19- The system shall provide user interface for receive name, address, company name, Address, Introduce yourself, and Telephone number

SRS 20- The system shall provide button to browse the logo/picture.

SRS 21- The system shall allow user edit the profile.

SRS 14- The system shall connect to database

SRS 22- The system shall record profile information to database.

SRS 23- The system shall display the error message “some information is blank”.  
  
  
**//URS5-The user can manage their profile as freelancer.**

SRS 19 - The system shall provide user interface for receive name, Address, Introduce yourself, and Telephone number.

SRS 20 - The system shall provide button to browse the logo/picture.

SRS 21 - The system shall allow user edit the profile.

SRS 22 - The system shall record information to database.

SRS 23 - The system shall display the error message “some information is blank”.

SRS 24 - The system shall provide list of skill to receive skill from freelancer.

SRS 25 - The system shall display the error message “you must choose at least one skill”.

SRS 14- The system shall connect to database

**Feature #2 enterprise management system.**

**URS4 -** The ***service request customer*** can post job and Detail as Project Name, Budget, Information and skill required to system that show to both of user as *service request customer* and *freelance supply*.

**URS5 -** The ***service request customer*** can send request to freelancer form ‘freelancer requested bid message’ on the project that posted.  
**URS6 -** The ***service request customer*** can cancel request form ‘freelancer requested bid message’ on the project that posted.

**URS7 -** The ***service request customer*** can view Picture Name, Skill, and Address, Introduce yourself, and Telephone number in Profile detail of freelancer.   
  
**//URS6- The users can post job to the system.**

SRS 26 - The system shall provide user interface for receive Project Name, Budget,

Project Detail and skill required to system

SRS 27 - The system shall record job’s information to database

SRS 14 - The system shall connect to database

SRS 28 - The system shall display information of job to user

SRS 29 - The system shall display the message “Success, you are already posted job.”

SRS 30 - The system shall display the error message “Some information must be require.”

**URS7- The users can request freelancer form bidding the project.**

SRS 31 - The system shall provide list of bidding of freelancer.

SRS 32 - The system shall provide button to request freelancer.

SRS 33 - The system shall send request to freelancer.

SRS 14 - The system shall connect to database.

SRS 34 - The system shall display the message “Success, You’ve already sent your request!”

**URS8- The users can cancel freelancer**

SRS 35 - The system shall provide list of requested freelancer.

SRS 36 - The system shall provide button to cancel requested freelancer.

SRS 37 - The system shall send message to freelancer.

SRS 14 - The system shall connect to database.

SRS 38 - The system shall display the message “Success, You’ve already cancel the request!”

**//URS9- The users can view profile of freelancer**

SRS 39 - The system shall display information of freelancer.

SRS 14 - The system shall connect to database.

## 4.2 Use case Description & Activity Diagram

## 4.3 Quality Requirement

# Chapter Five | Traceability Record