

# Introduction

**Purpose:**

This document provides the following details:

* Project Scope and Estimates
* Project Implementation Costing
* Payment Terms

**References:**

|  |  |  |
| --- | --- | --- |
| Ref. No. | Title | Author |
| 1 | Existing desktop system – Tiffin Management System | Client |

**Revision History:**

|  |  |
| --- | --- |
| Date | Description |
| 7-Aug-2019 | Proposal document created |

**Conventions:**

* All queries are marked in “red”
* Assumptions are marked in “green”
* Important notes that need attention are marked in “blue”

# Project Scope and Estimates

## Web Application

|  |  |  |  |
| --- | --- | --- | --- |
| **Req. No.** | **Module** | **Understanding** | **Time Estimate**  **(in Man Hours)** |
| **1.0** | **Objective** | * Objective is to provide a Web application where employees would be able to place an order for their tiffins. |  |
| **2.0** | **Requirement Analysis and Design** | |  |
| 2.1 | Requirement Analysis | * Detailed analysis of the requirements. | 9 |
| 2.2 | System Workflow Definition | * Define how all the processes of the application would work and interact with each other. | 9 |
| 2.3 | Database Design | * Design a database specifically for website . * We would need to enhance the database to make it more employee centric. | 40 |
| 2.4 | Prototypes | * We would create prototypes for all the web pages of the system. Once these prototypes are approved, we would work on further integration. * Estimates are provided considering approximately 3 possible web pages of the application. | 9 |
|  |  | * We assume that the application would work only in online mode based on a defined scope. |  |
| 2.5 | Transitions | * Application has been scoped considering the standard transition, the estimate is subject to revise in case of any specific transition requirements apart from the standard one. |  |
|  |  |  |  |
| **3.0** | **Web Application** |  |  |
| 3.1 | Application UI for Website | * Development of the basic application overall UI | 20 |
| 3.2 | Login | * Feature lets the admin, vendor and employee to log in to the system. | 10 |
| 3.3 | Dashboard | * This would be the landing page. Based on the type of user the following options are available to navigate,   + Admin -  1. Add Vendors 2. Delete Vendors 3. Delete employees    * Vendor - 4. View Orders 5. Reports    * Employee - 6. Place Order 7. Monthly Report | 10 |
| 3.3.1 | Admin | * Page lets the admin to manage vendor and employees | 18 |
| 3.3.1.1 | Add Vendors | * Option lets the admin to add a vendor who provides tiffin service | 6 |
| 3.3.1.2 | Delete Vendors | * Option lets the admin to delete a vendor when required | 6 |
| 3.3.1.3 | Delete Employees | * Option lets the admin to delete an employee when required | 6 |
| 3.3.2 | Vendor | * Page lets the vendor to view orders and view report on a daily or monthly   basis | 30 |
| 3.3.2.1 | View Orders | * Feature where vendor can view orders placed by employees | 10 |
| 3.3.2.2 | Reports | * Feature where vendor can view his sale on daily as well as monthly basis | 20 |
|  |  |  |  |
| 3.3.3 | Employee | * Page lets the employee to place order and view his monthly report | 30 |
| 3.3.3.1 | Place Order | * Feature where employees can place an order by selecting vendor,   Tiffin type(Full/Half) and select the extra requirement of food. | 20 |
| 3.3.3.2 | Monthly Report | * Feature where employee can view his order count and the bill which he has to   pay. | 30 |
| **4.0** | **Integration Testing** | * Integration of all modules and testing | 30 |
|  |  | * Testing on Local Server | 30 |
|  |  | * Bug Fixes | 30 |
|  | Testing on Device | * Testing on Real Device | 20 |
|  |  | * Bug fixes | 20 |
| **5.0** | **Submission of the application** |  | 20 |
|  |  | **Total Time Estimates:** | **370 Man Hours** |

Note:

* The above estimates do not include timelines for tasks related to queries. Queries have been marked in “red” and assumptions have been marked in “green”. Responses to the queries/assumptions may lead to revisions in the estimates
* Future additions will need to be scoped separately based on more detailed specifications that would need to be provided.

# Project Technology

**Web Technology:** HTML, CSS, JQuery, ASP .NET Framework 4.7.2 , ASP .NET MVC 5.

**Database:** Microsoft SQL Server

# Project Costing

**Effort Calculation:**

**Web Application:** 370 Hours