Project Plan

Date: Thursday, March 7, 2013

*Mess Management System*

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# Introduction

Mess facility is an integral part of the hostel, which provides homely and comfortable stay to the students. The Vellore Institute of Technology provides sumptuous food for all its resident students. The mess facility makes sure that students' health and nutrition is well taken care of. Mess serves breakfast, lunch, snacks and dinner every day. A choice of vegetarian or non-vegetarian food is provided to the students. They can also choose between North Indian or South Indian cuisine. The hostel management team manages hostel mess. Mess menu is planned and managed by the students in consultation with the caterer and the Management, who is responsible for managing the affairs of the hostel.  The Mess Committee has representation of the students.

The Mess Management System aims at bringing the students, mess and the hostel management on a common platform thereby providing transparency among them. It aims to reduce food wastage and help maintain its quality.

# Project Overview [[1]](#footnote-1)

## Current System or Situation

Some of the problems faced with respect to degrading food quality and wastage are as follows:

1. There is lack of database system to manage records of students and their mess details.
2. There is no efficient way to calculate the no. of students appearing in the mess on any particular day.
3. There is no way a student can know about the mess menu details without going to the mess.
4. There is no direct and easy way for the student to complain regarding the bad food quality.
5. The student cannot apply for change of mess before 25th of each month.

## Project Scope

The Mess Management System is supposed to have the following features:

* Caterer Registration
* Student Registration
* Daily Mess Menu Display
* Change of Mess
* Mess Leave
* Food Quality Review System
* Mess Bill Details(for both students and mess managers)
* Facebook integration

## Key Contacts and Stakeholders

|  |  |  |
| --- | --- | --- |
| Name | Registration Number | Phone Number |
| Rishikesh Shukla | 10bce0269 | 09486686301 |

# 3. PROJECT SCHEDULE

## 3.1 Major Project Milestones

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Milestone** | **Estimated Start Date** | **Estimated Completion Date** | **Estimated Hours** | **Number of Resources** | **Number of Days** |
| **Software Requirements Specification** | **18/1/2013** | **21/1/2013** | **8** | **3** | **4** |
| **Software Design** | **23/1/2013** | **3/2/2013** | **60** | **3** | **10** |
| **Detailed Design** | **5/2/2013** | **15/2/2013** | **60** | **3** | **10** |
| **Coding** | **25/2/2013** | **22/3/2013** | **120** | **3** | **20** |
| **Unit Testing** | **25/3/2013** | **5/4/2013** | **60** | **3** | **10** |
| **Integration Testing** | **8/4/2013** | **12/4/2013** | **30** | **3** | **5** |
| **System Testing** | **16/4/2013** | **19/4/2013** | **30** | **3** | **5** |
| **Project Demo** | **22/4/2013** | **22/4/2013** | **12** | **3** | **0.5** |
| **Total Hours** | | | **420** | | |

## 3.2

## Gantt chart For Project



**3.3** **PERT Chart for Project**



## 3.4 Project Time Line Chart



## Work Break Down Structure

**Please paste your Work Break Down Structure here**

# 4. PROJECT RESOURCE REQUIREMENT

## 4.1Hardware/Software Resource Requirements

Hardware Requirements

* Minimum RAM: 512 MB
* Minimum disk space: 500 MB
* Processor Intel Core 2 DUO 2.4 GHz minimum

Software Requirements

* Windows 7
* Notepad++
* Microsoft Visio 2010
* Wamp server

# Risk Management

## Risk Management Strategy

The team will follow lot of strategy to look after and handle the risk cases. We will make multiple copies of our codes to minimize any loss and will be updated about the status of project.

## Initial Risk List

This is the initial risk list; the risks are listed in priority order from top to bottom. Descriptions are provided below the table. Risks with a pre-mitigation magnitude of 2.0 or below are not listed.

| **Risk**  **number** | **Risk Priority (H, M, L)** | **Likelihood**  **of**  **Occurrence** | **Risk name: brief description** | **Mitigation Strategy**  “ACCEPTED” or “MITIGATED” with pointer to plan. |
| --- | --- | --- | --- | --- |
| 1 | H | less | Hard disk failure | Making multiple copies of the codes |
| 2 | M | normal | Getting sick | Everyone will be aware of what other is doing so that he can look after his work in case of such case. |
| 3 | L | less | Change of requirement after design phase. | Working on implementation model so make it flexible for changes in requirements. |
| 4 | H | less | If team member leaves the team | Firstly other should be aware of others work and back-up for time and resource allocation. |

1. [↑](#footnote-ref-1)