**Project Name:** ISMTE

**Document Title:** Midpoint Status Report

**Sample Only**

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**Revision number:** 1.2

**Names and Email address:**

XXXXX

XXXXX

**1. Problem Definition**

By creating the two scenarios, it will help to understand how to model the real life situations and model can be beneficial to make decision and predict the risk ahead of time. It will help us analyze how various parameters can affect the model. Models are great tool to help us determine forecast the timeline, cost, resources etc for the product before hand.

There can be many input and output parameters that can be specific to the software development product for ISMTE inc, but for the scope of the course project we are focusing on parameters such as time, quality, cost and revenue generated for the duration of one year.

Since the first scenario is completed in-house and the second scenario will be out sourced to India, there will be some cultural and geographical differences which might affect the quality of the product. For simplicity we are trimming those factors from our modeling.

There won’t be any major changes that made since we wrote the proposal.

**2. Who does what**

Initially we are collectively responsible for the task to collect the data sets for different parameters that we will be using in our modeling. Most of the fixed expense data like Infrastructure cost, hardware and software cost will be gathered by Darshna. Other variable cost like no of employees joining initially and at the mid of the project will be calculated by Sachin.

Darshna will mostly be responsible for calculating various cost and revenue for scenario one and Sachin will be responsible for scenario 2 calculation. To be consistent with both model calculations there will be meeting in regular intervals.

|  |
| --- |
| Task List |
| Office Space ( Lease, Rent (per month)  | Darshna |
| Furniture Cost (Tables, Chair, phone etc) | Darshna |
| Stationary  | Darshna |
| Hardware (PC’s, laptop, server) | Darshna |
| Software (web server, app server, database, licensing renewal etc) | Darshna |
| Full Time employees (no. of employees, salary etc) | Sachin |
| Part Time employees (no. of employees that will be hired after six month, salaray etc) | Sachin |
| Interns (for 3 months , salary etc) | Sachin |
| Consultants ( for modeling 2 most of the employees will be consultant, consultant rate will be per hr basis)  | Sachin |
| Cost Calculation for Scenario 1 | Darshna |
| Cost Calculation for Scenario 2 | Sachin |
| Revenue Calculation for Scenario 1 | Darshna |
| Revenue Calculation for Scenario 2 | Sachin |
| Comparison of both models and analysis  | Sachin and Darshna |

**3. Refined schedule and budget**

The schedule and budget is unchanged since the last proposal.

**Budget:**

The total number of hours is 58.5 hours per team.

## Planning

|  |  |
| --- | --- |
| Task | **Cost (in hours)** |
| Problem Definition | 4 |
| Problem Part Allocation  | 1.5 |
| Project Schedule | 2.5 |

### Modeling

|  |  |
| --- | --- |
| Task | **Cost (in hours)** |
| Define components, format, style | 4 |
| Model Implementation  | 20 |

### Documents

|  |  |
| --- | --- |
| Task | **Cost (in hours)** |
| Project Proposal | 3 |
| Midpoint Status Report | 2 |
| Final Report | 7 |
| User Guide | 5 |
| Reference Guide | 5 |

### Execution

|  |  |
| --- | --- |
| Task | **Cost (in hours)** |
| Model Exploration (scenario testing, Analysis) | 4.5 |

**Schedule Milestone:**

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Date** | **Description and** **Deliverable** |
| I. Project Exploration and Data Requirements Generation | Oct 8, 2009 | Identify and concentrate a key issue within ISMTE that can be modulated with a decision support system. The Project Proposal and Requirement for Word document was delivered. |
| II. Model Execution  | October 29, 2009 | Continue streamlining model and parameters with user input to provide for optimized solution. The Midpoint Status Report and Requirements for excel will be the deliverable.  |
| III. Model Analysis | November 19, 2009 | Complete all initial coding of the model. Model will be analyzed for fidelity and robustness.  |
| IV. Support Documentation | December 17, 2009 | Deliverables will be the Reference Guide, User Guide.  |
| V. Model Demonstration | December 17, 2009 | Model will be presented in final form. Deliverables will be the Final Report and Project Model. |