**Team B - Ekathra**

**PROJECT MANAGEMENT PLAN**

**Project Name: Traffic Modelling System**

**Team Name: Ekathra Prepared date: 10/07/2016**

**Project Overview:**

The traffic modeling system is a simulation system through which different types of road would be attached to simulate the behavior of traffic. There are several components like roundabout, 2-way road, 4-way, signals, and T-junction so that they would act as network of roads. To start the simulation, user need to input some parameters such as: number of cars per minute, reaction rate.

**Project Deliverables:**

We need to deliver a working web based applications meeting the requirements specifications and functionality of the client.

**Client Name:** Dr. Michael Oudshoorn

**Project Organization:**

**Organizational Structure:** We are using the functional structure like everyone will be reporting to their supervisor respectively.

**Organizational boundaries and interfaces:** Each task supervision is assigned to a member in the team as their responsibility to make them active and perform leadership.

**Project responsibilities:**

* Each and every deliverable of a project should be developed meeting all the time, scope and cost constraints along with the procedures of the organization.
* All the members should always be supportive for the entire team by providing the required resources in the correct time.
* All the members should always be interactive with all the team members and make sure if the product can be delivered in time to the customer.

**Managerial process:**

* It is very important to know about the management objectives like goal of the top management, priorities of the project and know about the assumptions.
* The project should be monitored to handle the changes, the project should be reviewed on a weekly basis and deliverable should be formally accepted by the sponsor.

**Technical Processes:**

* This deals with the tools and techniques required to do the project. Each organization will have their own tools for developing documents so we need to coordinate and should know what tools and processes to be followed while doing the project.
* Here we are using tools Eclipse, MS office and NetBeans.

**Budget Allocation:**

The total budget of the project is $450,000 dollars and the total is allocated to the each work package according to it needs.

**Schedule:**

The project will start on 09/01/16 and it will run 04/20/17 and detailed information of the schedule will be in schedule management plan.

**Roles and Responsibilities of the each member in the team:**

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| **S.No** | **Name** | **Role** | **Responsibilities** |
| 1 | Rupanandha Moori | Primary Contact | He is the primary contact with client. He will represent the whole team and communicates with client regarding project requirements, progression, changes and completion. |
| 2 | Manikanta Nomula | Communications & Documentation Management | He is responsible to maintain communication and documentation management and it includes updating all changes and tracking project progression in different versions. |
| 3 | Rama Naveen Kommuri | Quality & Testing Management | He is responsible to maintain quality throughout the SDLC process and to deliver effective output on time. To achieve the qualitative deliverables, testing plays a vital role. He will be responsible to test each module in the project |
| 4 | Ashwini Cherukuri | Data Management | She will take care of the collecting, storing and managing data in database and connecting data with front end system to update data which is entered by client. She would be responsible for managing data for our project. Including database connectivity, database designing, data mining etc. |
| 5 | Vamsy Chowdary Bobba | Issues Management | He would be responsible to track all the issues in the project duration which may relate to internal staff and make sure to work the project as smooth. |
| **S.No** | **Name** | **Role** | **Responsibilities** |
| 6 | Sahil Nokhwal | Requirements Management | He will gather requirements from client and handle the changes in requirements as per the progress of project. He will also analyze, track and prioritizing the requirements. |
| 7 | Laxmi Sai Teja Naraharasetty | Client Management | He takes the responsibility of meeting, getting requirements from client and also giving updates to the client. |