

## Summary of the Project Plan

The entire system of our project “**Community Maps**” can be developed based on the provided Gantt chart that clearly illustrates how the project schedule is to be built up so as to plan the execution of the project. Our project comprises of the following stages of the software development lifecycle:

1. **Pre-Project Planning** (Requirement Analysis): Includes discussing with the customer the entire problem definition, assessing all the requirements, in-scope and out-of-scope details of the project, discussion of all the budget and timeline estimations, and signing the SOW (Statement of Work).
2. **Designing and Planning**: Includes preparing a high-level design of the project, defining modules, preparing budget estimates, analyzing the risks involved and finalizing the SRS document with the client.
3. **Production** (Coding): Involves coding by all team members, website development, performing unit testing, integrating the code and sending it for regression testing.
4. **Testing**: Involves performing Functional testing and Performance testing for quality check, reporting the raised bugs and the debugging plan and then performing the testing again.
5. **Pre-Deployment Preparation**: Involves optimizing the product to be accessible to all the hardware and software specifications as agreed with the client and preparing the user manual.
6. **Deployment**: Involves installation and setting up the product at the client site and training all the stakeholders involved.

Our project requires 5 people, namely: a project manager, a technical architect, a software engineer, a database developer and a UI developer. All the discussions with the client are done by the project manager and the technical architect. Tasks of all the project team members are listed below:

1. **Project Manager**: Resource Allocation, Budget Estimation, Client Communication, Issues/Conflicts Resolution.
2. **Technical Architect**: Creating a high level design document, defining modules, training the team members if required, purchasing software resources and licenses if required, assigning and scheduling modules.
3. **Software Engineer**: Coding and testing the code using unit test cases, integration with other members, debugging code.
4. **Database Developer**: Designing the database schema, creating table structures, integration with other members.
5. **UI Developer**: Designing the web page and making it compatible with the Desktop and Mobile platforms, adding enhanced functionalities based on user requests and integrating them with other modules.

As per the plan, our project commences on “**Monday 08 December 2014**” and ends on “**Tuesday 08 September 2015**”, with a total of **197** working days.

The total compensation for these professionals is estimated to be around **\$827,400** @ \$105 per hour working 8 hours a day, 5 days a week.

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