**Executive Summary**

**Team Collaboration System For Mobility Water Monitoring**

**By**

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**Executive Summary**

Our project started on January 2015. The requirements were received from iAnalyst center, the faculty of science, Chiang Mai University. At First, we talked and discussed about the problems they have including the solution that the organization center has researched. After that, we designed some prototype of the system to show them. We obtained many comments, the requirement creeps occurred. Then, we analyzed the possibility which comment should be revised and improved. Thus, we had to find more knowledge and research. We consulted with my advisors and tried to find out the way to hold that requirement. We were not having much experience in a programming and unit testing. So, it is quite hard to do, especially the android development. However, there are a lot of interesting things of the new challenge. We needed help from others expert people to explain how to do and also tried by ourselves by learning from the online knowledge.

The project plan has been revised to have 3 progresses:

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| --- | --- | --- | --- |
| **Original schedule proposal** | | **Current** | **schedule after update** |
| **Progress 1** | Feature 1: Authentication and member management system  Feature 2: Project management | **Progress 1** | Feature 1: Authentication and member management system  Feature 2: Project management |
| **Progress 2** | Feature 3: Map location management  Feature 4: Water parameter calculation existing application | **Progress2** | Feature 3: Map location management  Feature 4: Water parameter calculation |
| **Progress 3** | Feature 5: Parameter result tracing  Feature 6: Messaging system | **Progress 3** | Feature 5: Parameter result tracing  Feature 6: Messaging system |

According to the updated project plan, the deliverables of "Team Collaboration System for Mobility Water Monitoring" application are defined as follows:

|  |  |  |
| --- | --- | --- |
| **Current schedule after update** | | **Status** |
| **Progress 1** | Feature 1: Authentication and member management system  Feature 2: Project management | Complete |
| **Progress 2** | Feature 3: Map location management  Feature 4: Water parameter | Complete |
| **Progress 3** | Feature 5: Parameter result tracing  Feature 6: Messaging system | Complete |