**BCD Carpentry Project**

**Progress Report 1**



**BCD Carpentry Project Team**

**30/03/2017**

# Project Information

|  |  |  |
| --- | --- | --- |
| **Project Number** | BCD1-0117 | |
| **Project Name** | BCD Carpentry Project | |
| **Project Team Members** | **Student Name** | **Student ID** |
| Tao Sun | 21602704 |
| Damian Tait | 20603101 |
| Konark Bhurke | 21602585 |

# Project Progress to Date

# Iteration 1 (Project Plan and Proposal)

* We have finished writing the project proposal which incorporates the project plan.
* The project proposal was submitted in the Moodle.

# Iteration 2 (Requirements)

* This iteration has been finished.
* During this stage the project team finished the collection and analysis of the client’s requirements and delivered the requirement list and requirement specification.

# Iteration 3 (Database Design and Building)

* This iteration has just been initiated. Partial work has been done. For example, we have completed the conceptual model diagram of the new database.

# Work to Do

# Iterations 3 (Database Design and Building)

From 30/03/2017 to 02/05/2017 the whole project team will focus on the database design and building. At the end of this stage, we will finish the work below:

* Complete database design and deliver conceptual model diagram, logic diagram and physical diagram.
* Complete database building, create the database in development environment.

# Iterations 4 (Development)

From 03/03/2017 to 26/05/2017 the whole project team will concentrate on the development of the application which manipulate data in the new database. At the end of this stage, we will finish the work below:

* Complete the application’s design and development.
* Complete the test of the whole system. (The client will take part in)

# Iterations 5 (Deployment)

From 27/05/2017 to 02/06/2017 the whole project team will conduct the training and deployment of the new system. At the end of this stage, we will finish the work below:

* Complete system training and deliver training report.
* Complete the deployment of the system and deliver deployment manual and report.
* System running in production environment.

# Project Issues and Solutions

* **Issue：**

The IT staff of BCD wanted us to use the technologies (e.g. PHP, MySQL and Apache) that all of us are not familiar with to achieve the new system, while we planned to implement the system with C#, .Net and SQL Server.

* **Solution:**

First, we asked our supervisor for some advice at the regular meeting and decided that we would use the familiar technologies. Then, we persuaded the client from three aspects. One is the main goal of this project. This project aims to relieve the workload of the administrator, so the language and software we use are not the most important. The second is the cost of the development. The development software (e.g., Visual Studio, and VISIO) can be downloaded from MS Imagine in our school and be used free. The SQL Server Express edition is free too. The third is the risk of changing developing tools. We need to learn new programming languages and new software which may increase the potential risks of delaying the delivery of the product and the bugs. At last the client agreed with our original plan.