Assignment 3 Project Proposal Documentation

| **Description** | **Marks out of** | **Wtg(%)** | **Due date** |
| --- | --- | --- | --- |
| Assignment 3 | 100 | 35% | 15/09/14 |

In the assignment we will start analysing and designing the changes needed to implement the new functionalities in the sample solution. Before we can start the implementation we need to analyse the project and describe the changes we will be implementing and the benefits of the design to get the project go ahead from the project instigator. For this purpose we need to provide a project proposal to the customer.

This part along with submission 6 combined make up the documentation for project proposal and implementation. You are free to extend the proposal section but you must include the sections listed in this document. Ensure that the sections are easy identifiable and discoverable.

## If working in groups only one submission but must put all group names on the cover page for the submission.

**Assignment 3 Activities.(minimum 20 pages in length for the body)**

a.) Update the project Management tool with the time spent on research and working with new technologies needed for the application.

b.) Add to the Project Management tool the different planned activities needed to implement the changes to the solution.

c.) Document the current application describing the major classes used by the application.

d.) Document the current application describing the flow between the different activities.

e.) Document the design changes needed to implement the mandatory features listed in the project proposal.

f.) Documented optional features that will be implemented as part of the project. (For groups you will need to implement at least 2 optional features)

g.) Justify how the system will work without the other features listed in the project proposal.

You are to report on the current state of your assignment 3. You need to provide at least the following details for this assignment.

# Assignment 3 Deliverables.

a.) Detailed printout of the activities in the Project Management tool.

b.) Project Plan describing in detail the activities needed to finalise the project.

c.) The Project document should include the following sections

* Project title page (All member of the team listed)
* Letter of transmittal
* Executive summary
* Current application description
* System overview (description of what makes this system unique)
* System operation (services provided and operations performed)
* Proposal Objectives (why should this project go ahead)
* Project/System Overview
* Project Scope (those things that are planned to be implemented)
* Project Exclusions (things that will not be implemented and justifications)
* Current Application Design
* UML of classes of the current design
* UML Sequence Diagrams
* Information flow between pages and activities of the current application
* Detailed Proposed Changes
* Description of the mandatory changes that will be implemented
* Description of the optional features that will be implemented
* Proposed Costs and Time that will be needed for Each Change
* Estimated Cost of the whole project Changes (see note at end of document)
* Benefits of the proposed changes to the organisation
* Detailed description of the new Solution with the proposed changes
* UML Use Case Diagrams
* UML with added class diagrams
* UML new Sequence Diagrams
* Detailed description of the data flow between pages
* Detailed description of the benefits of the new design and proposed changes
* Developer Details
* Describe the team members and their technical strengths.
* Detail the responsibilities in the project for each of the team members.
* *Assignment 6 section goes here as last part of documentation*

**Note:**

For the cost of changes section, you will need to consult employment web sites to approximate the cost that a professional in the web development area earns. Using this information, you need to approximate what a professional would charge to implement the changes you have designed. The details are then to be used by the project owner to make a decision if the project is to proceed or scaled down to fit the budget.