UNIVERSITY OF LINCOLN

Department of Computing

Assessment Package Briefing Document

Title: Level 2 Group Project Assignment 3 of 6	**Indicative Weighting: 16% GROUP SUBMISSION**

Learning Outcomes:

On successful completion of this assessment package a student will have demonstrated competence in the following areas:

- [LO1] operate successfully as part of a development team;
- [LO2] analyse a problem in their discipline area;
- [LO3] design an artefact in their discipline area;
- [LO5] present the group's work in both written and verbal forms;
- [LO8] use time management strategies in managing a project;

Introduction

This assessment "Design Document and Implementation Plan" is a GROUP SUBMISSION. All group submissions should include on the first page a table detailing the breakdown of work allocation in the standard form;

For this assessment, the work was divided as follows:		
ARD0123456	A Aardvark	20%
BLO0532622	B Bloggs	30%
CAV7654632	C Cavendish	10%
DUP5533621	D Dupta	40%

Tasks

The main parts of this deliverable are:

- Produce a Design which demonstrates how the requirements that you modelled in assignment 1 will be implemented in subsequent group working activities.
- Produce an Implementation Plan providing detailed information, instruction and guidelines for translating the design into a practical implementation.

Your completed deliverable should not exceed 1500 words in length excluding bibliography and reference information.

Design

The design section of your report must firstly give a list to changes to the requirements. Each of these changes must be justified, and the relationship to any other requirements must be given.

You must then describe the design for your system in an appropriate form. You should use both English and appropriate

diagrams, flow charts or other design based diagrams to fully explain your design. Your report should be presented in the following format;

Introduction	A short description of the purpose and structure of the document
Changes	Description and justification of changes to the requirements and project plan, and an analysis of the consequences of those changes.
Design Overview	Present the architecture of the system using an appropriate notation.
Design Detail	Present the architecture of the system. For each class you should also give a short description and detailed design information using the UML class diagram notation.
Third Party Components	If and where you are using a third party component (eg. A database management system or graphics toolkit), you should justify your decision

Implementation Plan

The implementation plan should give a detailed, concrete plan of activities to ensure that your design can be realised. You should use the following structure

Implementation Plan	Describe all implementation and other tasks. Use a Gantt chart to show the allocation of tasks to team members, justifying the tasks and workload allocated to each member.
Configuration Management Plan	Show how the code and other artefacts that you develop will be managed.
Quality Plan	How will you gain confidence that each part of the system works as designed? How will you know that the system as a whole is satisfactory?

Submission Guidelines

Submission dates for this assessment are published on the standard submission schedule. This will be a single group submission and should meet the standard requirements for presentation, referencing etc.

Hand In Instructions

A single (group) submission to the Faculty Office by the due date.