SCHOOL OF COMPUTER SCIENCE & INFORMATICS
COURSEWORK ASSESSMENT PROFORMA

MODULE:	CM3301 Software Engineering Project
DATE SET:	Monday 28th September 2015
SUBMISSION DATE:	Friday 27th November 2015

SUBMISSION ARRANGEMENTS:

Prior to handing in make sure all documentation have been collected. A nominated team member should submit your coursework on learning central as a **single pdf document** by **23:59 on Friday 27th November 2015**. All team members must have seen and agreed to the final version of the document.

Further details and instructions are available on the PATS wiki at https://www.cs.cf.ac.uk/PATS2/_team_report – make sure you read this!

TITLE: Team Report

This coursework is worth 15% of the total marks available for this module. The penalty for late, or not contributing is an award of zero marks.

LEARNING OUTCOMES ADDRESSED:

- Participate in a substantial Software Engineering team project

- Understand the elements of a successful Software Engineering project.

- Show an appreciation of best practice in solving Software Engineering problems.

- Demonstrate in-depth understanding of the technologies and methodologies used in the project.

SKILLS (practised and developed):

- Plan, organise and implement tasks within time constraints;

- Work effectively as a member of appropriate practices, theory and technology to solving the problem;

Marking Criteria

Your supervisor and moderator will mark your plan according to the following criteria:

- Project Initiation Documentation (20%):
    - Clarity and detail of project description with aims and objectives, constraints and context
    - Suitability and justification of project management and software development approach
    - Quality of discussion of associated risks and how these will be mitigated
    - Level of understanding, consideration and broader appreciation of legal, ethical and social issues
    - Effectiveness of communication and suggested methods
- Requirements Specification (20%):
    - Coherency and completeness of functional and non-functional systems requirements with clear justification/derivation
    - Testable acceptance criteria are associated with both the functional and non-functional requirements
    - Identification of system scope and boundaries with clear declaration of any assumptions made.
- Software architecture (20%):
    - Quality of documentation of main components, interactions, services and dependencies
    - Level of detail sufficient to progress with individual projects without over-constraining them by unnecessary detail
    - Quality and suitability of software architecture adopting core concepts and principles of good software design relating to decomposition, abstraction, modularity, extensibility, adaptability to change, etc.
    - Level of alignment of individual team members' components to integrate into a complete system
- Work plan (20%):
    - Quality of work plan, feasibility and specificity to the project
    - Clarity of timeline and milestones and how these are achieved
    - Suitability of deliverables and assignment of work to team members
    - Suitability of meeting schedule and approximate dates for at least two review meetings per student are given
    - Amount of work is suitable for the credits and level of the module.
- Communication skills (20%):
    - Quality of report writing and structure
    - Clarity of expression without going into unnecessary detail
    - Frontmatter contains all required information and the declaration

All main criteria carry the weight as indicated above for the mark of the team report and will be evaluated on the following scale:

- **70 - 100% - Excellent** (rigorous, methodical, analytic, content meets all requirements of the work, very few errors or omissions)
- **60 - 60% - Good** (competent, reasoned, coherent, content very sound, few errors/omissions)

- **50 - 59% - Fair** (satisfactory, relevant, content meets many of the required elements, some errors and omissions)
- **40 - 49% - Bare Pass** (Passable, basic relevant content, weaknesses in execution errors or omissions)
- **1 - 39% - Fail** (not passable, evident weaknesses, gaps in content, evident errors or omissions)
- **0%** indicates that the team has **not at all covered** the topic or addressed the issue.

Supervisor and moderator will mark the report independently and your overall mark for the report is the average of the two marks.

Supervisor and moderator will provide formal feedback about your report explaining any concerns they may have and their expectations regarding the aims and objectives and deliverables. You will further get informal feedback from your supervisor in your meetings. Make sure you consider this when executing the remainder of the project.

CM 3301 – Team Report Feedback – Team:

Project Initiation Documentation (20%)
Clarity and detail of project description with aims and objectives, constraints and context:
Suitability and justification of project management and software development approach:
Quality of discussion of associated risks and how these will be mitigated:
Level of understanding, consideration and broader appreciation of legal, ethical and social issues:
Effectiveness of communication and suggested methods:
Comments:

Marks: /20

Requirements Specification (20%)
Coherency and completeness of requirements with clear justification/derivation:
Testable acceptance criteria:
Identification of system scope and boundaries with clear declaration of any assumptions made:
Comments:

Marks: /20

Software Architecture (20%)
Quality of documentation of main components, interactions, services and dependencies:
Level of detail sufficient to progress with individual projects:
Quality and suitability of software architecture adopting core concepts and principles:
Level of alignment of individual team members' components to integrate into a complete system:
Comments:

Marks: /20

Work Plan (20%)
Quality of work plan, feasibility and specificity to the project:
Clarity of timeline and milestones and how these are achieved:
Suitability of deliverables and assignment of work to team members:
Suitability of meeting schedule and approximate dates for review:
Amount of work is suitable for the credits and level of the module:
Comments:

Marks: /20

Communication Skills (20%)
Quality of report writing and structure:
Clarity of expression without going into unnecessary detail:
Frontmatter contains all required information and the declaration:
Comments:

Marks: /20

Further comments:

Total Mark: /100