MO1: Identify software requirements for a new IT software system to meet given business requirements.

MO2: Design the implementation plan to meet the pre-determined software requirements.

MO3: Develop and implement the deliverables identified in the implementation plan

MO4: Create comprehensive documentation for each required deliverable for the development and implementation of the new IT software system.

MO5: Collaborate as a group to produce all deliverables of the new IT software system.

MO4/MO5 Breakdown

1. The *Systems Manual*. (think – this is for the IT guy/Administrator) The System's manual tells us, how to install, configure and maintain the application. This includes prerequisites & frameworks required to get the application into an operational state. Could also describe data migration issues dependant on context. Finally, the manual should describe potential error conditions and best practice steps or advice on solving such issues.

2. The *User Manual*. The User manual describes the UI interface and navigation in the context of how a user gains functionality/utility from the application. Think in terms of a Use-Case interaction(s). Again, potential error conditions and their solutions should be narrated (how to get help). You might want to include this manual in part or whole within your application (Hit F1 for help?)

3. The *Application* needs to be functional, secured and all components integrated, also –> commented! Document/Module comment types also welcome instead of inline. Inline specifically used for difficult or complex code-blocks. The lecturer/moderator needs complete access to all source code for marking purposes – this includes DBMS code.

4. The *Presentation*. The number of slides should not exceed ± 15 of content. The actual content being each of the deliverable components (See example layout below). The amount of time for the presentation aspect MUST NOT exceed 30 minutes (all students must present a portion), after which an open floor Q&A session will commence (lecturer/guest questions are fielded). Total presentation time is thus 1 Hour exactly. Presentations are always done in a formal manner (has a dress code).

Ex. The Team Intro & Logo (Slide 1)/ The Customer + Vision | Mission (Slide2)/ The Customer Problems (Slide 3)/ The Solution mapped to problems – Why it's the best (Slide 4)/ Stakeholders (Slide 5) / Solution Requirements | Use Cases (Slide 6)/ Feasibility Fin & Tech (Slide 7) /PM plan | WBS (Slide 8 & 9)/ Risks analysed & addressed (Slide 10)/ DB or ERD diagram (Slide 11) / Class Diagrams (Slide 12) / UI Design (Slide 13)/ The Development Journey & Challenges (Slide 14) / The Final Product (Success/Failure?) + A couple of screenshots or embedded video (Slide 15) / Q & A – we open the floor to questions (Slide 16)