Project Guidelines (MCA Programme)

Students are expected choose a problem which will provide software solutions. The topic of a project is decided after discussion with project guide/mentor. A Software platform (language, framework) used by student to develop a project is expected to studied earlier; however students are allowed to work other platform with permission of mentor. The projects can be completed as individual project or if the scope of the project is comprehensive then project can be divided into modules and a group of student can work on it. The number of students in the f group can be decided by project guide/mentor and it should not be more than 3. Every student or group must have meeting about progress of project with their project guide regularly as specified in time table or if required at a communicated by guide.

The project dissertation/document is expected to be created and it should have the following contents.

1. SRS – Problem Statement, BRD- Business Requirement Document
2. General Requirement
3. Requirement as per user Role
4. Functional Decomposition Diagram
5. System Requirement(use case diagram, use case description /BRD)
6. design (ERD/Class Diagrams
7. Database Design
8. Interaction diagrams (DFD/Activity diagrams, Sequence/collaboration)
9. Component and deployment diagrams
10. User interface design /user manual
11. Test cases
12. Scope and limitation
13. Conclusion
14. Bibliography

List of contents are only guidelines and mentor can change the contents of documents depends on the project scope and course contents of previous and current semester.

The problems chosen may be any of the problem which can be solved using any of the platform as bellow and it should be finalized with discussion with guide.