

PROJECT PROPOSAL

(Developing an Online Quiz maker System)

Proposal Criteria

1. *Summery*
2. *Objective*
3. *Benefits*
4. *Scope & Limitation*
5. *Requirements*
6. *Project Staffing*
7. *Methodology*
8. *Management Plan*
9. *UML Diagram*

1. Summery

Online exam is being launched because a need for a destination that is beneficiar for both institutes and students. With this site institutes can register and host online quiz test. Student can give exam and view their result. It is also an attempt to remove the existing flaws in the manual system of conducting exams.

2. Objective

- *To provide an interface through which student can appear for online examination.*
- *When the student starts the exam the timer will start automatically and show the student how much time is left.*
- *Objectives answer will be checked automatically by the system from the database.*
- *Students can participate in quiz test without the need of going to any physical destination.*
- *Student can evaluate their knowledge by using in this application.*

3. *Benefits*

- *Easy accessibility.*
- *User friendly.*
- *Secure base authentication.*
- *Exam can be assembled and previewed, edited and publish instantly.*
- *Accuracy in checking the answer, calculating result.*
- *Allows registered users to take their result online.*
- *Provides a platform where user can choose from a variety of aptitude test.*
- *Users can view progress they have made.*
- *Users are allow to take each test in several times.*

4. Scope and limitation

- *Online Quiz system is designed for educational institutes.*
- *The system handle all the operation and generates reports as soon as the test in finish, that includes name, mark, time spent to solve the exam.*
- *Allow students to see or display his answers after the exam is finished.*
- *The type of question is only multiple choice.*

5. Requirements

1. *Functional Requirement*
2. *Non-functional Requirement*

Functional Requirements

- *Registration*
- *Update profile*
- *Update Category*
- *Update Sub Category*
- *Manage Subject*
- *Update Center*
- *Manage Center*
- *Manage Question*
- *Update Notice*
- *View Result*
- *Search*
- *Lesson Module*

Non-Functional Requirements

Usability

- *Guiding users through an interface.*
- *Must make it easy to correct mistake.*

Reliability

- *Giving stable and reproducible result.*
- *Function must reliable, with few or no interruptions.*

Performance

- *For the use of software, there is no restriction or place.*
- *The system will be used 24*7*

Supportability

- *System must maintainable and extensible.*
- *System must provide solution regarding data encoding problems.*

6. Project Staffing

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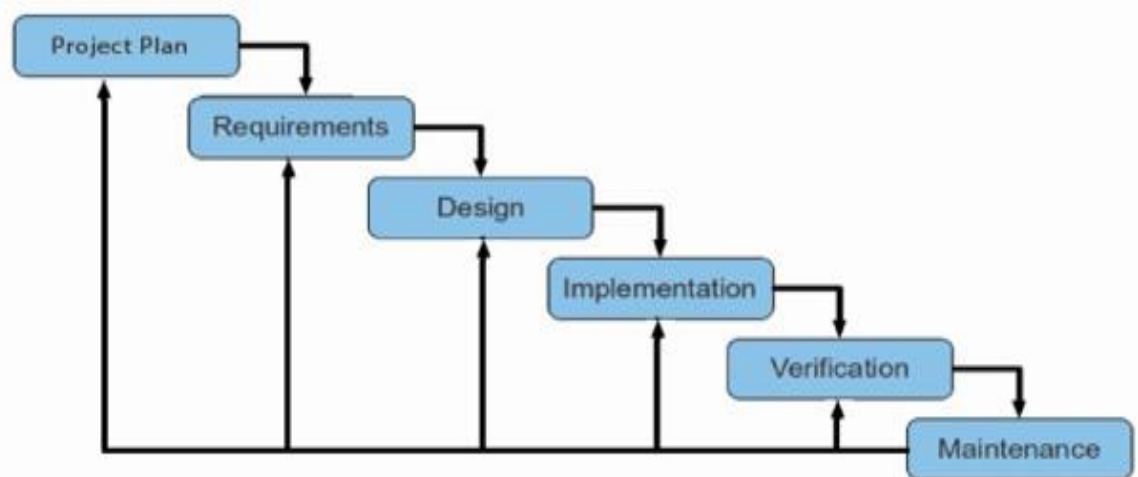
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7. Methodology

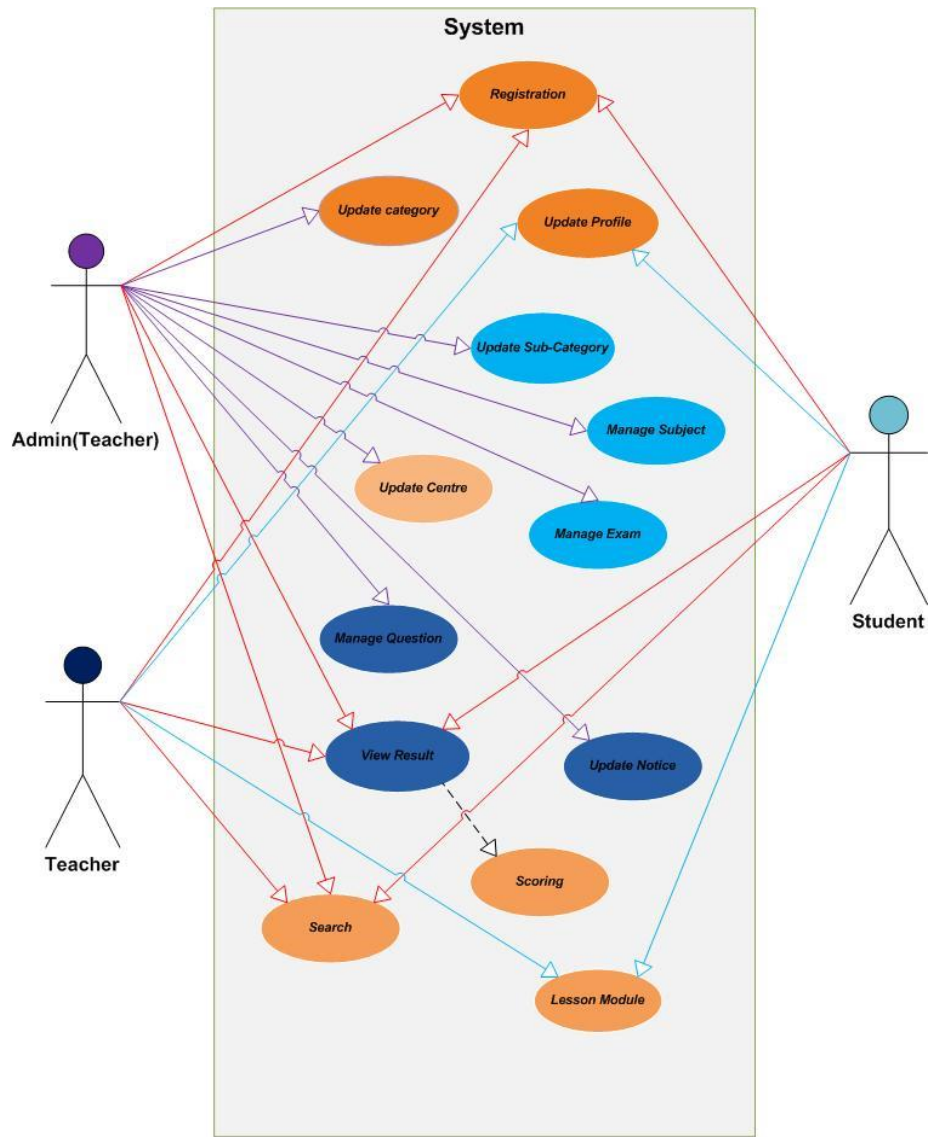
- To complete the project, project team should be followed any kinds of model which is so necessary. So we have selected the waterfall model to finish our project.
- The waterfall model is a sequential design process, used in software development processes, in which progress is seen as flowing steadily downwards (like a waterfall) through the phases of conception, initiation, analysis, design, construction, testing, production/implementation and maintenance.
- We follow this model to complete our project.



8. Management Plan

SL	Task name	Start	Finish	Days	Statement
1	Project plan	01/05/2017	05/05/2017	5	Includes work hours for all project team members for gathering requirements and planning project
2	Analysis	06/05/2017	25/05/2017	20	All requirements for QuizMaker must be determined to base design upon
3	Design	26/05/2017	12/05/2017	17	This is the theoretical design for the software and its functionality
4	Implementation	13/06/2017	31/07/2017	49	All coding completed resulting in software prototype
5	Testing	01/08/2017	15/08/2017	15	All functionality tested and all identified errors corrected
6	Maintenance	16/08/2017	25/08/2017	10	Completed QuizMaker system is handed over after alpha and beta testing

9. UML Diagram



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