



IT632 – Software Engineering [Winter 2021-22]

Project Mid Evaluation document

Question Paper Generating System

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Project Guide:

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Question Paper Generating System

- **Scope:**

- The goal of Question paper generating system is to give flexible user interface to faculty for adding questions and generate question papers anytime anywhere. Admin is provided with panel to manage faculties and question papers.
- For faculty registration, (s)he will request access of this site. After that admin can approve or reject request of faculty. After the approval of admin, faculty will be able to manage question of their field or subject. Faculties can decide which question they want to show in the list and can be added in the question papers.
- The admin can view all questions and the generation of question paper is done only by admin. After generating question, admin can send question papers to colleges or department.

- **Process Model:** Incremental Model

- We will first deliver the basic system, our requirements and scope will increase with time. This prerequisite made us choose the incremental model through which it will be easy to test and debug during smaller iterations.

- **Users:**

- Admin
- Faculty

- **Stakeholders:**

- Admin
- Faculty

- **Functional Requirement:**

- **Admin:**

- Admin can grant access to faculty.
 - Admin can remove faculty.
 - Admin can view all questions.
 - Generate question papers with two options (Auto-generated and customize with difficulties).
 - Admin can send generated question papers to multiple colleges by adding their emails.

- **Faculty:**

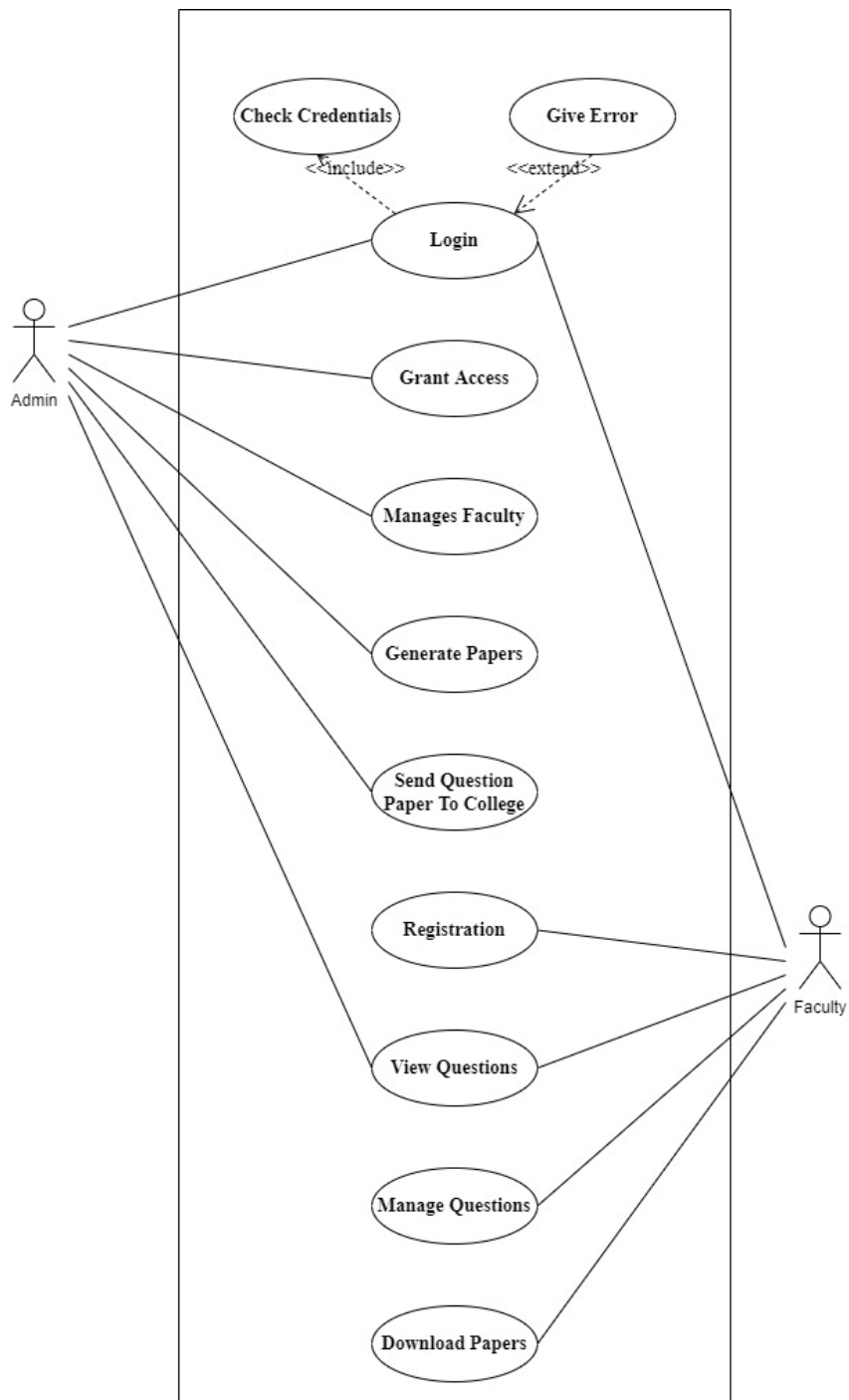
- Faculty can request access to this system by registering him/herself.
 - After approval, faculty can log in.
 - Faculty can add questions and can update that questions and also delete that questions.
 - Download generated question papers (Previous years) with or without answers key.

- **Non-Functional Requirement:**

- The system should remain **accessible** 24/7.
 - System should be **easy to use** for admin and faculty.
 - System should be **accurate** and **reliable**.
 - The system should be able to work on all **available** browsers and all versions of browsers.
 - Good interface is needed.
 - The system should be able to handle large data because there are so many questions of different subjects.

- The system should be **secure** so the question paper is generated by admin only and can be viewed by faculty after exam date and time.

- **Use Case Diagram:**



Question Paper Generating System