Form 1: Project Information Form

1. Team No: 10	

2. Project Title: SmartQuiz: Empowering Education with Dynamic and Ethical MCQ Generation

3.Team Details:

Sl. No	Hall ticket Number	Name
1	20EG105314	Garlapati Akshay Reddy
2	20EG105325	Lakshmishetty Nikhil Shetty
3	20EG105343	Ramankol Srikanth

4.Problem Statement:
Current manual methods for creating multiple-choice questions (MCQs) are time-consuming and lack scalability, particularly in the absence of specialized datasets, such as in computer science. This project addresses the need for an efficient and automated MCQ generation system, leveraging advanced NLP techniques. The goal is to overcome limitations in diversity, efficiency, and relevance, offering a streamlined solution applicable across various subjects.

5.Source of Project:

A. Hadifar, S. K. Bitew, J. Deleu, C. Develder and T. Demeester, "EduQG: A Multi-Format Multiple-Choice Dataset for the Educational Domain," in IEEE Access, vol. 11, pp. 20885-20896, 2023, doi: 10.1109/ACCESS.2023.3248790.

6.FinalOutcome:
We will develop a web interface to generate MCQS from text and create a dataset on computer science subjects.

7.What are parameters consider for project evaluation
Text Summarization Quality, Keyword Extraction Precision , Diversity and Relevance of Distractors

8.Development Environment:

Visual Studio Code (VSCode) /Anaconda

Signature Team Members

  Signature Supervisor

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