**Software Engineering Project (BSCSS3002)**

**Milestone 1 Report**

**Team No.**  16

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Description automatically generated

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# **1 User Identification**

**1.1 Primary Users**

Students: IITM BS students are the primary users of the seek learning portal. They

register for courses, have access to all weekly lessons and lecture videos, solve practice and graded assignments.They also post their questions and

concerns on the discourse forum for answers and redressal of issues.

**1.2 Secondary Users**

Instructors and Teaching Assistants: Instructors and TAs release weekly lessons and assignments on the seek learning portal.They also conduct weekly online sessions and resolve student queries on discourse forums.

**1.3 Tertiary Users**

Professors: Professors sometimes intervene to resolve student learning issues and

queries, conduct online sessions and review published lessons for corrections.

IT Support staff

Administrative staff

Course coordinators

# **2 User Stories**

**Without GenAi**

* **As a Student**

I want to check my course completion percentage and graded assignments, so that I can track my progress and understand my performance.

* **As a Student**

I want my weekly courses segregated by week number so that the lessons are neatly classified by week.

* **As a Student**

I want to navigate to the support section and submit queries, so that I can receive help with assignments when needed.

* **As a Student**

I want to receive immediate feedback on test cases after submitting my code, so that I can understand and debug my errors.

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**With GenAi**

* **As a Student**

I want a GenAI assistant to provide a summary of my course progress, so that I can easily identify areas to focus on and improve my learning efficiency.

* **As a Student**

I want to interact with a GenAI chatbot for instant support, so that I can get immediate help with my assignments and resolve issues quickly.

* · **As a Student**

I want a GenAI assistant to suggest debugging tips when my code fails test cases, so that I can understand my mistakes better and improve my programming skills more efficiently.

* **As a Student**

I want the GenAI agent to recommend relevant tutorials or course materials based on my queries, so that I can enhance my understanding of specific topics.

* ·  **As a Student**

I want the AI agent to provide general learning strategies without revealing answers, so that I can develop problem-solving skills while adhering to academic ethics.