- A quiz (5/10/15/20 questions per prerequisite) is generated using an **AI API**.

- Users answer the questions within a time limit and click **Submit**.

📊 Score Analysis & Feedback

- Each topic has a threshold (e.g., ≥3/5 or 10/15 or 12/15correct). Based on quiz performance:

  - ✅ **Above threshold**: That topic is marked as **"Mastered"** in the user's profile.

  - ❌ **Below threshold**:

    - AI generates a **capsule summary** of that weak concept for revision.

    - The user can **retake** the quiz for that specific topic.

    - The system also **suggests new topics** that are within the scope of mastered prerequisites.

🎯 Ready for Learning Target Topic

- Once all prerequisites are mastered, a message appears stating the user is "**Ready to Learn the Topic**."

👤 User Profile

- Tracks and displays:

  - ✅ List of mastered topics

  - 🔁 "Start from Scratch" to reset all progress

  - 🌐 Interactive **concept graph** view to see topic relationships