TECHPATH - SCOUT

Student Registration	→	Questionare	→	Analysis/Report	→	Roadmap, Resources

10 ques — 120 sec (above Questionare)

Gemini AI (above Analysis/Report)

- Google OAuth (under Student Registration)

Questionare branches:

Cat 1 — choice, interest based.

Cat 2 — IQ, logic based

5 + 5
uniquely selected questions out of 100+ questions

Analysis/Report:

- Deep analysis of student's responses, gauging potential interests and logical buildups

- Suggested most suitable computer science domains to the student with apt. justification and reasoning

- Downloadable PDF report / receive through Email

Roadmap, Resources:

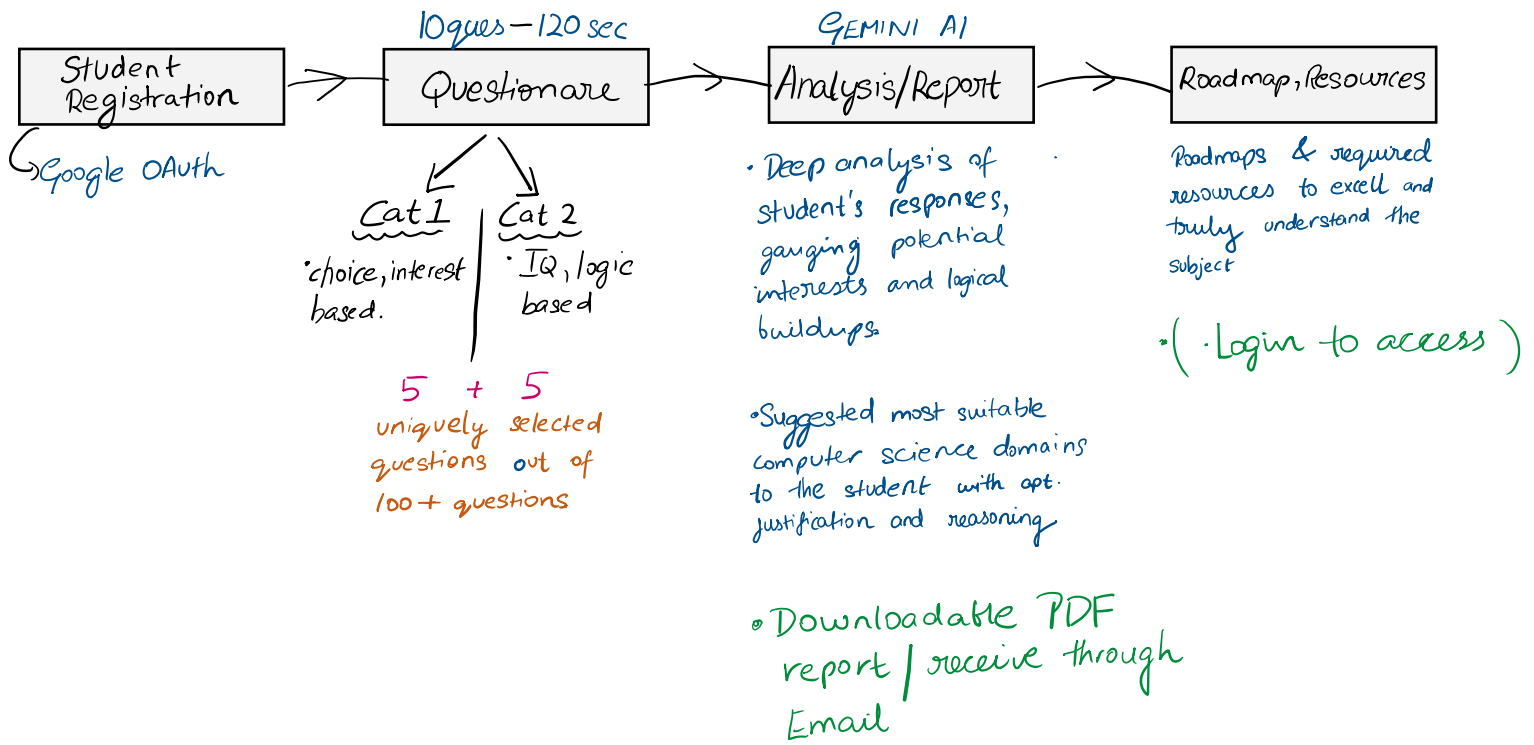Roadmaps & required resources to excell and truly understand the subject

- (. Login to access)

EXTRA FEATURES :

- AI Powered chatbot / councellor
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CHALLENGES :

- Framing & Categorizing questions for ensuring all round analysis of the student

- Fetching & rendering response from Gemini API
  → RegEx to handle *, ** ie. bold and line breaks
  → Typewriter effect
  → Dynamic chart plotting based on responses

- Training the assistant / chatbot based on the responses of the user and the result.