

User Epics & User Stories:

User Epics:

Epic A: User Onboarding & Profiles

Epic B: Video Ingestion & Transcript Retrieval

Epic C: Quiz & Assessment Engine

Epic D: Certificate Generation & Sharing

Epic E: Admin & Audit Dashboard

User Stories:(with acceptance criteria)

Epic A — Onboarding

- **US-1**: As a learner, I want to sign up with email or Google so that I can save my progress.
 - **AC**: Signup accepts email; validation email sent; Google OAuth logs in correctly.

Epic B — Video Ingestion

- **US-1**: As a learner, I want to paste a YouTube URL so the system fetches the title, duration, and transcript.
 - **AC**: Given a valid YouTube URL, the system displays title, length, and captions availability within 3 seconds.

Epic C — Quiz Generation

- **US-1**: As a learner, I want a 10-question quiz auto-generated from the video so that I can test my understanding.

- **AC**: Quiz contains at least 7 MCQs and up to 3 short-answer questions; each MCQ has 4 options with one correct answer.

Epic D — Certificate

- **US-1**: As a learner who passed the quiz, I want a downloadable certificate containing a verification link.
 - **AC**: Certificate includes user name, video id, score, date, and a unique certificate id; verification link resolves to a public page showing score and question snapshot.

Epic E — Admin

- **US-1**: As an admin, I want to view audit logs per certificate so I can investigate disputes.
 - **AC**: Admin can query certificate id and see transcript snapshot used to generate the quiz.