Set 1

- **User Role:** Product Manager

- **User Goal:** "What is the core executive summary of the Vidyut platform?"

- **Golden Answer:** "The Vidyut Learning Platform is an innovative, AI-assisted quiz-based learning tool designed to offer a self-paced and personalized educational experience, initially focusing on Computer Science Engineering (CSE) topics."

- **Page Number:** 1

Set 2

- **User Role:** Backend Developer

- **User Goal:** "How should the system handle a user answering a question incorrectly in the Quiz+Learning mode?"

- **Golden Answer:** "This involves presenting the correct answer and explanation for an incorrectly answered question, followed by LLM-generated, targeted, lower-difficulty questions based on the explanation of the missed concept to solidify understanding."

- **Page Number:** 2

Set 3

- **User Role:** Student User

- **User Goal:** "Can I save my quizzes to study from later?"

- **Golden Answer:** "Users can have their question and answers saved as notes"

- **Page Number:** 4

Set 4

- **User Role:** Frontend Developer

- **User Goal:** "What's the required behavior for the progress dashboard?"

- **Golden Answer:** "Accessible from the user's profile, the dashboard will provide a visual representation of their learning journey in the Quiz+Learning mode. This includes overall progress in active topics, mastery levels achieved, strengths, and areas needing improvement."

- **Page Number:** 3-4

Set 5

- **User Role:** QA Engineer / Tester

- **User Goal:** "What is a key success metric for learning effectiveness that I need to test for?"

- **Golden Answer:** "Success Rate in Remedial Quizzes: Percentage of users who successfully pass the mastery check question after completing remedial quizzes, indicating effective weakness remediation."

- **Page Number:** 10

Set 6

- **User Role:** UX Designer

- **User Goal:** "What is the main design principle regarding cognitive load?"

- **Golden Answer:** "The principle of presenting one piece of information or task at a time will be followed, especially in the quiz interface (one question at a time). This helps maintain focus and reduces cognitive overload."

- **Page Number:** 8

Set 7

- **User Role:** Project Lead

- **User Goal:** "What's the bottom-line summary of the platform's learning approach?"

- **Golden Answer:** "Bottom Line: Hybrid approach of 'Quiz + Learning Mode' combined with 'Test Quiz Mode' for effective learning and self evaluation."

- **Page Number:** 2

Set 8

- **User Role:** New Student

- **User Goal:** "How do I sign up for this platform?"

- **Golden Answer:** "Users can create an account using their email address and a password, or sign in using their existing Google account (OAuth 2.0 integration)."

- **Page Number:** 3