IE418: UX DESIGN FOR MOBILE APPLICATION

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GROUP 15

POV Template

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❖ POV Template:

User	Need	Insight
A Student preparing for competitive exams like JEE and NEET.	To access previous year question papers to understand the exam pattern and type of questions asked.	The student finds it difficult to collect reliable PYQs from multiple sources and often ends up with outdated or incomplete materials. They want a one-stop platform that provides updated, easily accessible PYQs in a structured format
A Student aiming to assess their preparation level and improve time management skills.	To take realistic mock tests that simulate the actual exam experience.	The student struggles to find quality mock tests tailored to their specific syllabus and exam pattern.
A student who wants to access the text solutions of practice questions and mock tests.	To get detailed text solutions of questions.	The struggles to solve questions which are new for him or which require higher level thinking. They want solutions containing optimised approaches so that they are able to solve those questions in less time in the exam.
A Student who wants to track their performance and identify areas for improvement.	To analyze test results in a detailed and actionable manner.	The student often receives test scores but lacks insight into which topics or question types need more attention. Personalized result analysis helps them focus their preparation. This service is offered as a subscription at an affordable price.
A Student who prefers practicing questions topic-wise or subject-wise to strengthen their understanding.	To access structured question banks organized by topics and subjects.	The student finds it difficult to search for relevant questions in textbooks and other resources. A categorized question bank

		helps them practice systematically.
A Student who learns better through discussions and collaborative problem-solving.	To discuss doubts and questions with peers in an interactive and supportive environment.	The student often feels isolated while studying and values the perspectives and explanations from fellow students who face similar challenges.
A Student who needs expert guidance on doubts generated while solving problems.	To get personalized doubt-solving assistance from qualified teachers.	The student struggles with complex questions that peers cannot solve and needs expert help for clarity. This service, offered as a subscription, provides high-quality support at an affordable price.
A Student who learns better through visual and step-by-step explanations.	To access video solutions for questions to understand the reasoning and methodology clearly	The student often finds text-based solutions insufficient to grasp concepts and prefers video explanations that offer a more engaging and thorough learning experience. This service is offered as a subscription at an affordable price.
A Student preparing for JEE/NEET who wants to practice in a customized test environment.	To generate personalized tests with specific subjects, difficulty levels, and time constraints, while also sharing the test with friends for collaborative practice.	Customizable test generation helps students practice effectively, while test code sharing encourages collaborative learning. Premium users get added flexibility with more tests, longer durations, and larger participant limits.
A Teacher who is an expert in their subject and wants to assist students by resolving their doubts.	To efficiently manage and respond to student doubts in a personalized manner.	Teachers often struggle with disorganized doubt submissions and prefer a structured platform where they can prioritize and address each query effectively.

A Teacher who wants to provide step-by-step explanations to students through video solutions.	To upload video solutions for questions.	Teachers prefer a platform that allows them to share solutions systematically, ensuring students understand the reasoning and methodology behind each question.

❖ 'How Might We' Questions:

1. How might we design an application that provides all the previous year questions of JEE and NEET to the user subject wise and topic wise?
2. How might we design an application in which the student can take actual exam based mock tests?
3. How might we design an application so the students can get detailed text and video solutions of questions?
4. How might we design an application that provides detailed analysis of test results?
5. How might we design an application that provides structured question banks organized by topics and subjects?
6. How might we design an application for students so that they can discuss doubts with each other?
7. How might we design an application so that students can get personalized doubt solving assistance from teachers?
8. How might we design an application so that teachers can efficiently manage doubts of students and can upload a video/text solution of questions?
9. How might we design an application so that students can customize tests and share tests with friends via test code for collaborative practice ?