

Persona: Noa – Middle School Student

Goal: Complete a math homework assignment prepared by teachers

ACTION	Plan Study Time	Engage with Study Material	Collaborate with Classmates	Complete and Review Assignment	Reflect on Feedback
TASK LIST	<p>A. Check the school's paper-based timetable for due dates.</p> <p>B. Manually slot homework time into a physical planner.</p> <p>C. Gather textbooks, notebooks, and a calculator for the study session.</p>	<p>A. Read the textbook chapter on the math topic.</p> <p>B. Take handwritten notes and highlight key points.</p> <p>C. Work through practice problems in the workbook.</p>	<p>A. Call a friend or meet up at the library for a study group.</p> <p>B. Exchange handwritten notes and discuss problems face-to-face.</p> <p>C. Use a whiteboard to work through problems together.</p>	<p>A. Solve the remaining problems on paper.</p> <p>B. Double-check solutions by referencing the textbook.</p> <p>C. Physically hand in the completed assignment to the teacher.</p>	<p>A. Receive graded assignment back in person from the teacher.</p> <p>B. Review teacher's written comments on the paper.</p> <p>C. Determine which areas to focus on for improvement based on feedback.</p>
FEELING ADJECTIVE	<p>"I'm feeling organized but a bit overwhelmed. I have to manually plan everything, which is time-consuming and a little frustrating."</p>	<p>"I'm intrigued by the material, but sometimes I feel daunted when I encounter complex problems that disrupt my study flow."</p>	<p>"It's great to collaborate in person, but coordinating times and places to meet is tricky. I hope being able to connect instantly with everyone online."</p>	<p>"I'm doing my best to be thorough, but without digital tools, I'm worried I might miss errors or misinterpret the assignment instructions."</p>	<p>"Waiting for feedback is nerve-wracking, and handwritten comments can be challenging. I wish there was a faster, clearer way to understand and learn from my mistakes."</p>
IMPROVEMENT OPPORTUNITIES	<p>An AI-based feature that suggests optimal study times by analyzing Emily's past study habits and current calendar events.</p>	<p>Visual cues that indicate progress on learning objectives, helping Emily identify areas she has mastered and those she needs to revisit.</p>	<p>Scheduled times within the app where students can collaboratively review each other's work before submission.</p>	<p>An in-app feature that uses machine learning to predict common errors and offer suggestions, acting as a virtual study buddy.</p>	<p>Personalized study recommendations based on feedback, directing Emily to specific modules or resources to address gaps in understanding.</p>