

VidyaPal: User Stories

This document outlines the key user stories for the VidyaPal application, describing the functionality from the perspective of the end-user.

1. User Account Management

- **As a new user, I want to create an account** using my full name, email, and a password, so that I can have a personalized learning space and save my progress.
- **As a returning user, I want to log in** with my email and password, so that I can access my dashboard and continue my studies.
- **As a user, I want to sign up or log in using my Google account**, so that I can have a faster and more convenient way to access the app.
- **As a user, I want to view and update my profile information**, including my name and profile picture, so that I can personalize my account.
- **As a user, I want to log out of my account**, to ensure my session is secure.

2. Dashboard and Study Rooms

- **As a user, I want to see all of my study rooms on a central dashboard**, so that I can get an overview of my learning materials at a glance.
- **As a user, I want to see my learning progress** for each study room (e.g., 75% complete), so I can track how far I've come.
- **As a user, I want to create a new study room** by either uploading a document or providing a web link, so I can start learning about a new topic.
- **As a user, I want to name my study room** and specify the language and my learning level (beginner, intermediate, advanced), so the AI tutor can tailor the content to my needs.
- **As a user, I want to delete a study room** that I no longer need, so I can keep my dashboard clean and organized.
- **As a user, I want to resume my session** in a study room from where I left off, so I can seamlessly continue learning.
- **As a user, I want the option to restart a study room from the beginning**, in case I want to review the entire material again.

3. The Study Room Experience

- **As a user, I want a focused learning view** where the AI Tutor's content is the main element on the screen.
- **As an app user, I want a fixed header** displaying the study room name, with the learning content scrollable below it, to provide a native app-like experience.

- **As a user, I want the AI Tutor to teach me the content** from my uploaded material in an interactive and easy-to-understand manner.
- **As a user, I want to be able to navigate** between different concepts or sections using "Next" and "Previous" buttons.

4. Interactive AI Features

- **As a user, I want to ask the AI chatbot questions** about the learning material at any time, so I can clarify doubts without interrupting my lesson flow.
- **As a user, I want to access the chatbot via a floating action button**, so it's easily reachable but doesn't clutter the main interface.
- **As a user, I want the AI Tutor to create quizzes for me** to test my understanding of the material.
- **As a user, I want to be notified by the AI Tutor when a quiz is ready**, without the quiz appearing directly in the lesson.
- **As a user, I want to take a quiz by clicking a floating button** that appears only when a quiz is available, so I can decide when I'm ready to be tested.
- **As a user, I want to see my quiz results immediately** after submission, with feedback on correct and incorrect answers.
- **As a user, I want to access my complete quiz history** from a menu in the study room, so I can review my past performance and identify areas for improvement.

Interactive Prototype URL: <https://vidya-pal.vercel.app/> (<https://vidya-pal.vercel.app/>)