



Personal KnowledgeBase

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Problem Statement

Efficiently organizing, storing, and retrieving vast personal knowledge remains a struggle.

01. What problem are we solving?

02. Who will use our product?

03. How is it currently done?







01. What problem are we solving?

- Existing systems lack intelligent retrieval and user-centric solutions for managing diverse formats like text, documents, and web content.

02. Who will use our product?

- Students
- Professionals
- Researchers

03. How is it currently done?

- Manual storage in cloud systems or local drives.
 - Time-consuming keyword-based search tools.
 - No integration of semantic understanding for precise retrieval.
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Technical Feasibility

Frontend: Vue.js, JWT for authentication.

Backend: FastAPI, Hugging Face Transformers, Qdrant.

Processing:
Selenium/Playwright.

Resource Feasibility

Developers: A small team of 4 developers.

Development Environment:
Local machines with decent specs for development.

Cloud Hosting:
AWS/GCP/Azure

Vector Database: Services like Qdrant offer scalable and cost-efficient solutions.

Time Feasibility

Achievable within 10 weeks

Phase 1: Research & Planning

Phase 2: Backend Development

Phase 3: Frontend Development

Phase 4: Testing & Bug Fixing

Phase 5: Deployment & Finalization



Milestones



01

**Ideation
& Planning**
0th Review

02

Development
1st Review &
2nd Review

03

Testing
Final Review

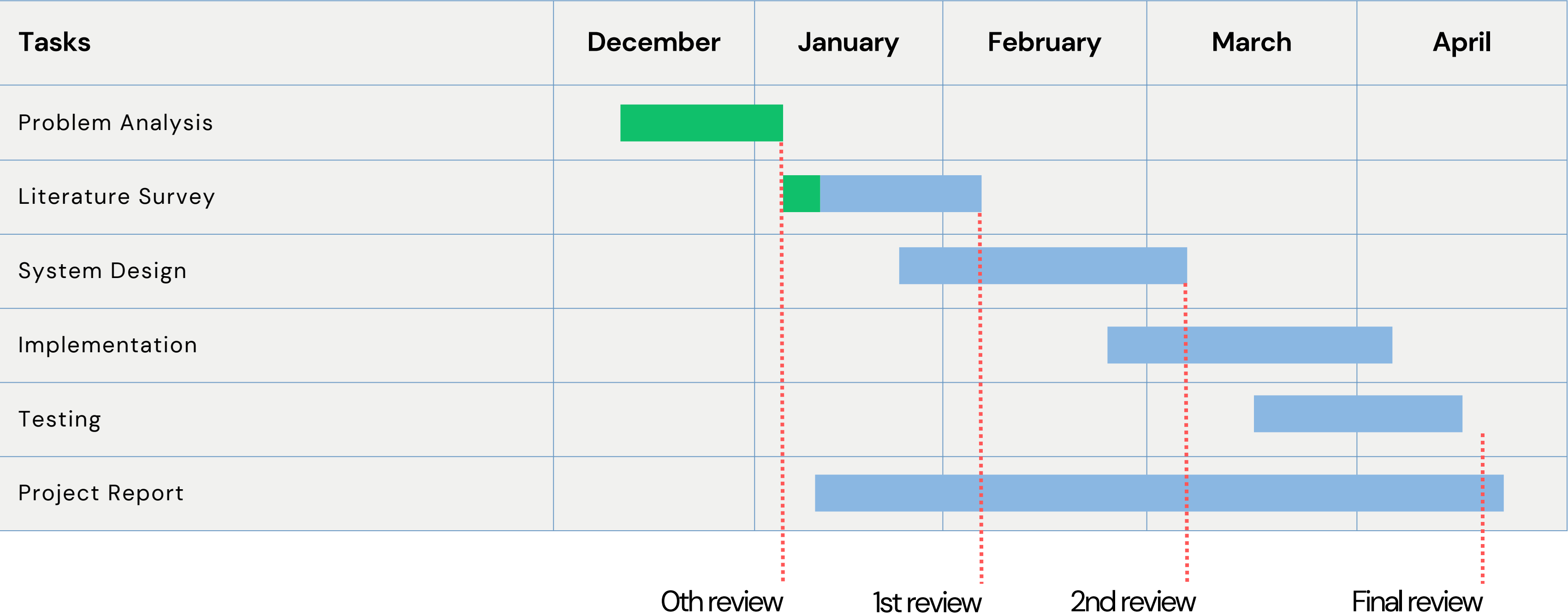
04

Deployment



Project Progress

 pending work  completed work



The background is white and decorated with various hand-drawn blue doodles. These include several loops and swirls at the top, a series of parallel curved lines on the left, a wavy line at the bottom center, and several checkmarks on the bottom right. There are also some abstract scribbles and lines scattered throughout.

Thank you