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.

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

Oth Review

02

Development

1st Review&

2nd Review

03

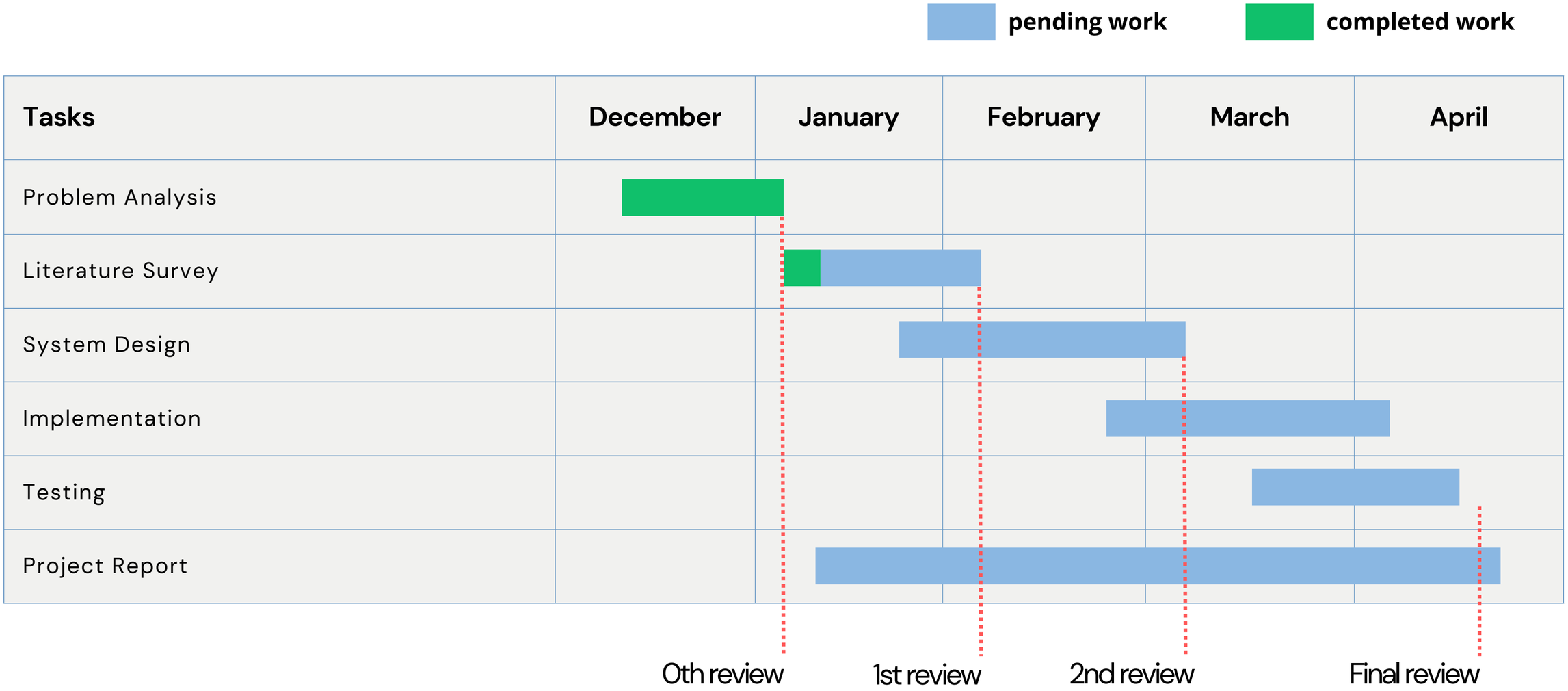
Testing

Final Review

04

Deployment

Project Progress



Thank you