

hey

# Project Name

Docs2Notion

## Objective

Enable users to convert a Google Docs document into a structured, well-formatted Notion workspace by splitting the document into pages based on headings and enhancing formatting via GPT.

## Key Features

- **Google Docs URL input:** User pastes a public Google Docs link.
- **Document fetching:** Retrieve content from the Google Doc (public or published).
- **Section detection:** Parse the document, splitting it into sections/pages based on headings (H1, H2, etc.).
- **AI formatting enhancement:** Use GPT to improve formatting — add callouts, toggle lists, tables, task checkboxes, and emojis optimized for Notion import.
- **Markdown export:** Generate a ZIP file containing Markdown files, one per section/page, ready to be imported into Notion.
- **User feedback/status:** Show progress and success/error messages during processing.

## Technical Requirements

- **Frontend:** Simple form for URL input, progress bar, and download button.
- **Backend:**
  - Google Docs content retrieval (public docs).
  - Section parsing logic based on headings.
  - Calls to OpenAI GPT-4 API for markdown enhancement.
  - ZIP file generation with JSZip or server-side equivalent.

- **API Keys:** Secure OpenAI API key management.

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## Success Metrics

- Workspace generated with correct section splits.
- Enhanced markdown improves readability and Notion import experience.
- User can easily import generated markdown into Notion without manual fixes.
- Simple, intuitive UI with minimal errors.

## User Flow

1. User opens app and pastes a Google Docs share link.
2. User clicks “Generate Workspace.”
3. App fetches and parses the document.
4. Sections are enhanced by GPT formatting.
5. User downloads a ZIP with markdown files corresponding to Notion pages.

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## Timeline

- **Day 1:** Build front-end input form and basic Google Docs fetch/parsing.
- **Day 2:** Integrate GPT-based markdown enhancement and ZIP export.
- **Day 3:** Polish UI, error handling, and test full flow end-to-end.