

Final Project Proposal – Fullstack

Name: Alexander Stöhr

Batch: PT5

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Project Name: VEENOTES (working title) - supercharge your online learning

Project Description / Business Case:

Problem: We are in an online learning era but lack the tools to learn efficiently. More than 40% of “learning” is just watching, which is a waste of time, money, and resources.

Solution: Veenotes transforms online learning by focusing on active engagement through bookmarking. Easily upload or link YouTube videos, organize them into collections, and tag them for effortless retrieval. Set detailed bookmarks at specific timestamps with titles, tags, and summaries to deepen understanding and aid memorization. Collaborate by sharing annotated notes for enriched learning experiences. Access annotated topics swiftly for efficient study sessions, ensuring comprehensive comprehension and retention in online education.

1. **Link or upload Videos:** Easily link YouTube or Vimeo videos to the platform or get a hosted plan and upload your videos..
2. **Organize into Collections:** Group videos into personalized collections (like learning topics) for easy management.
3. **Set Detailed Bookmark for enhanced Learning:** Navigate through videos and set bookmarks at specific timestamps with titles, tags, and summaries. With this, you actively engage with content to deepen understanding and improve memorization.
4. **Collaborate and Share:** Share annotated notes with peers for collaborative learning experiences.
5. **Quick Access Anytime:** Easily find and revisit annotated topics for efficient study sessions.

Benefits: Enhance study efficiency, promote active learning, collaborate effectively, and ensure comprehensive understanding and retention of course material.

> Free to use for individuals (embeds only), optional hosting plans for uploads (x\$ per xGB).

> Online academy / bootcamp plans with video hosting and sharing to their students.

Project Goals:

- Providing a key element tool for everyone in this online learning era
- Making it accessible to everyone (all video embeds are free)
- Provide the missing active learning (lecture recap) tool for academies and bootcamps

Features / Milestones:

Critical/Must Have

- Pages: Myspaces (a users collections of videos) / Single Video / Add a Video / Account
- Youtube API embedding (add a video via any Youtube url)
- Bookmarks / Timestamps on single videos with title, content, category and tags
- Filtering on Myspaces (tags, categories, search)
- Roles
- Profile editing
- Authentication

Nice to have (optional)

- Social System (friends, followers, messages)
- Pages: Explore (a feed of shared, annotated videos, filterable by categories and a search) / Docs (Dummy)
- Upload videos (hosted plan)
- Payment API
- Vimeo API
- Docs working Front- and Backend (creating, tagging and categorizing help articles in DJ backend with a search in the frontend)
- Dark Mode

Design / Wireframes *

Hand drawn wireframe:

https://www.dropbox.com/scl/fi/tvhkl35fm0rmc4waslp6v/IMG_7506.jpg?rlkey=aszhtv932k94ok6exka15t8og&dl=0