



PaperHub

Presentation



PaperHub

<https://docs.google.com/presentation/d/1m-KmyFxfVypUoZpDtsKd6oZbJ5eqqTRQPoKIGcDdZuw/edit?usp=drivesdk>

Product description

PaperHub is a powerful cross-platform manager of all papers, textbooks, and articles you read. PaperHub allows you to annotate documents, track your reading progress, and create flashcards that tight to the read text. It's cross-platform and syncs data across all your devices.

PaperHub is best for the science community and medical workers who deal with research papers on an everyday basis. It helps to aggregate, annotate, and memorize information from a variety of sources.

! Mission

PaperHub's mission is to be a knowledge hub of all scientific material for researchers, med students and all guys from the scientific field. Simplify data extraction and memorization of all information from papers, books, and web pages using the flash-cards technique.

👁 Vision

Create a cross-platform application that allows annotation of books, pdf files, and web pages. Create memory cards based on annotated materials. Keep track of all materials that are read.

✨ Values

- Continuous Learning
- Constant Improvement
- Transparency

📎 Business Model Canvas

| | | | | |
|---|---|---|--|---|
| Key Partners Insert | Key Activities Insert | Value Proposition Insert | Customer Relationships Insert | Customer Segments Insert |
| University campuses Share databases of research papers inside universities | Software development - desktop application - mobile application - backend development | Read, annotate, learn space One application that aggregates all reading material with an ability to remember things using flashcards | Customizable Application supports plugins and addons | Science researchers work with papers and technical literature |
| Paper aggregation sites - arxiv.org - ncbi.nlm.nih.gov/pubmed - researchgate.net | Marketing - social media - university campuses | Hackability Easily integrate custom plugins and addons to extend a functionality | Educational Application as a storage of all read books and papers | Medical students - medical research papers - medical books - should learn information from books as a flashcards |
| eBook stores | | Aggregate and sync all reading material One application that stores all papers, articles and books | Community A community where people share tips, tricks, and addons for application | |
| Research articles on the Internet Import site's article to an application | | | Co-Creation Share annotated papers, flashcards, etc | |
| | Key Resources Insert | | Channels Insert | |
| | Community group of people that shares tips, tricks, and addons for an application | | Social media | |
| | Cloud infrastructure - cloud storage - traffic - data processing | | Reddit | |
| | Desktop and mobile devices | | University campuses | |
| Cost Structure Insert | Revenue Streams Insert | | | |
| Cloud infrastructure | Cloud storage and sync \$4.99 - 2 Gb cloud storage \$9.99 - 8 Gb cloud storage \$14.99 - unlimited cloud storage | | | |
| Software development | | | | |
| PR and marketing | | | | |

link: <https://canvanizer.com/canvas/w5fDqbm2y09Jl>

❖ Technology stack

Client side

- 💻 Desktop: Electron, JS pdf-lib
- 📲 iOS: Objective-C, Swift
- 📲 Android: Java, Kotlin

👤 Server side:

- Go as a main language
- S3 for file storage
- DynamoDB for user annotations, cards, etc

📅 Development plan

🎬 1 month

- Front end (desktop application):
 - local document storage
 - pdf viewer
 - import/export functionality
- Server side:
 - registration
 - cloud document storage

🕒 3 months

- pdf annotation
- tags, filters, grouping
- flashcards
- Cloud synchronization

🔥 6 months

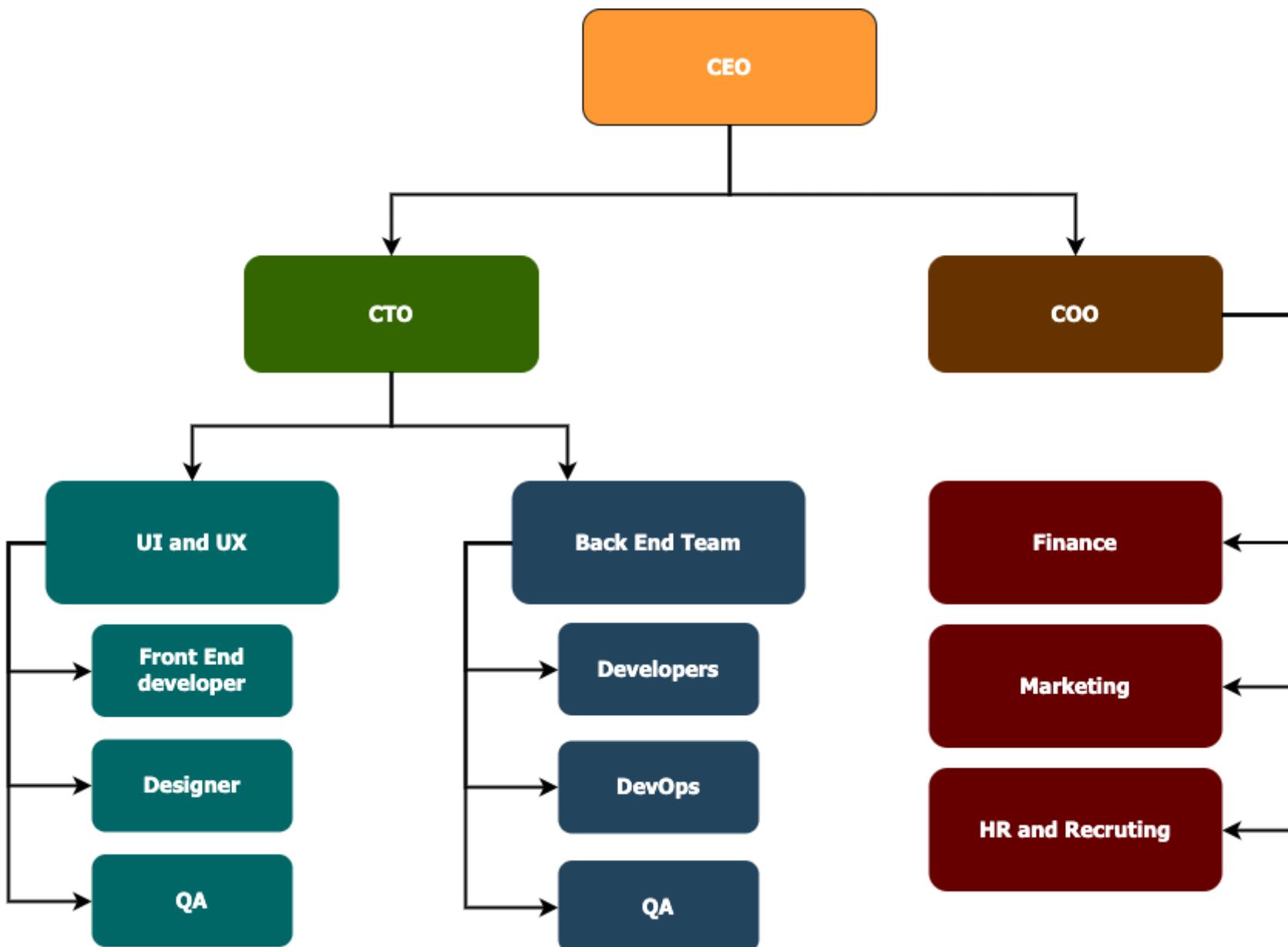
- support of epub, fb2 and other book formats
- flash card sharing
- iOS application

🚀 1 year

- plugin system
- plugin store

👤 Organization structure

* Organization structure shows a general view on the company's structure and interaction. In the beginning, one person could play multiple roles in this structure. E.g. CTO could be a team lead in the Back end team.



https://s3-us-west-2.amazonaws.com/secure.notion-static.com/be827b5b-a1b1-4cd2-affc-d7e5c6733500/org_structure.drawio

🎯 1st priority hiring plan

To kickoff the product and create MVP we should hire backend engineers and Front end engineers.

- Go backend engineer
- Electron FrontEnd developer

With product growth we should focus on QA and marketing department.

👤 Portrait of an employee

Ideal employee for PaperHub is flexible in her decisions, every feature should be made based on data and be focused on amelioration of user's interaction with a product. Employee is highly collaborative and open for proposes and critics.

main characteristics:

- 📈 Focused on a result
- 🔬 Science behind a desicion
- 💬 Collaborative
- 🧑 Flexible on a decisions