



gutenshare network





Current situation

- Difficult to locate resources
- File sharing misses use cases





Idea

- Independent web platform
- Upload - catagorize - tag
- Browse - search - download
- Quality control: rating and commenting
- Marketplace





Customer value

- Customer: Student
- Specialized tool
- Comprehensive collection





State of the art

- Lots of different Learning Management Systems (LMS)

OLAT

openOLAT

Moodle

Ilias

- All of them have single instances per university

- More like a forum: [Uniboard.ch](https://uniboard.ch)





Uploading a new document

- Example

File: summary_swen1_2018.docx

Tag: ZHAW/School_of_Engineering/SWEN1





Search, download, comment and rate a document

- Example

File: summary_swen1_2018.docx

Tag: ZHAW/School_of_Engineering/SWEN1

```
graph LR; A[Searches a document] --> B[Downloads<br/>Comments<br/>Rates];
```

Searches a document

Downloads
Comments
Rates





Additional requirements



High
availability

Scalability

Security

Copyright





Resources

Roles

- Project manager
- Software architect
- Frontend engineer
- Backend engineer
- Database engineer
- DevOps

Infrastructure

- Platform as a Service (PaaS)





Risks

- Critical mass point must be reached
- Established players may adapt
- Potential copyright infringement





Draft planning

- Team of 5 students
- Development through Unified Process
- Prototype ready in 12 weeks





Draft planning

Prototype scope

- Register/login as a user

- Create courses within your studying program

- Upload and categorize documents

- Comment and rate documents

- Search, browse and download documents

- See basic statistics on user profile





5 years

Investment horizon

CHF 600'000

Minimum revenue

CHF 783'250

Revenue required





gutenshare network

by Group4 GmbH

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Thanks!

Any questions?

