

A3.1 Scrum's first phase: Project's vision declaration

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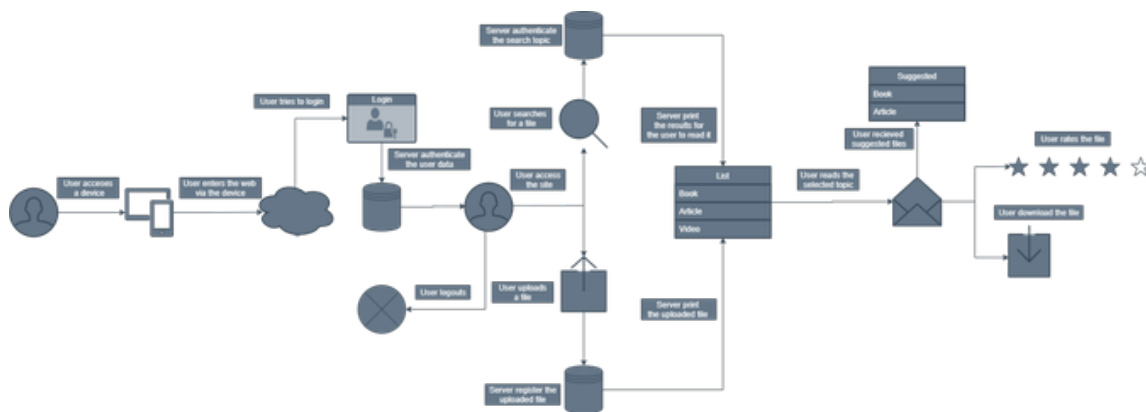
1. Case study

Background

"The vid of knowledge" is a company that offers technological tools based on the administration and conservation of knowledge, however, due to the great competitiveness of the market and current and changing conditions, it is considering providing an application referring to the "search for knowledge" through an online platform, at a level of quality and cost that allows you to obtain higher profits. Through a market study on other similar platforms, it is observed that among the characteristics that must be offered within this business model are the following:

1. Offer users a platform that is available at all times, that is easy to use and attractive, as well as guaranteeing the security of the information that is registered there.
2. When a user writes a topic, they will be offered a catalog with related and existing topics.
3. Allow the topics to be published to also attach photos, videos or presentations with a maximum size and duration limit.
4. Offer the user to be able to consult the topics that have been registered, as well as to be able to download the referenced documents locally.
5. Offer data analytics on the topics that are more concurrent, the topics to which the users do not find the topic that is shown similar topics, using the recommendations or solutions made by the system itself.

Impact mapping (business modeling)



[Full image](#)

2. Product owner

| | |
|------------------------|---|
| Business: | Hallucinate |
| Project's name: | The File Hub |
| Project Type: | KMS (Knowledge Management System) |
| Sponsor: | Jaime Leonardo Enriquez Alvarez |
| Product owner: | José Enrique Cisneros Acosta |
| Scrum Master: | Kevin Aryam Christopher Pimienta Castillo |
| Scrum Team: | <ul style="list-style-type: none"> Roberto Bernal Arellano Esmeralda Sandoval Salazar |

3. Project vision statement

Hallucinate hopes to promote the advancement of techniques and methods applied to the systems managed by companies to constantly improve and stay ahead of the competition, providing products that allow them to offer better support to their workers.

With this project we hope to create and implement a website for the devices mostly computers to give all that knowledge generated by the company's employees and shared by the same ones.

4. Constitutive act of the project

| | |
|---|-----------------------------------|
| Purpose/Justification: | |
| This project is aimed at the industrial market of Tijuana, which is constantly creating information, a knowledge manager that allows to create, search, share and qualify informative documents. | |
| Brief description of the project: | |
| It consists of a platform that allows the users of a company to create publications to which files of different types can be attached; users can search and access these publications at any time. | |
| Preliminary scope of the project (objectives): | |
| <ul style="list-style-type: none"> Have an approximate number of 150 files (pdf, mp4 and pptx) in 2 months. Have approximately 50 registered users in the first 2 weeks. All employee data from the company database is sent to The File Hub platform in September. Increase in the number of active users from 100 to 200 as a limit in two months after the delivery of the platform. 2 out of 5 commented posts have records of files downloaded in a week. | |
| Expected project results / Benefits: | |
| A platform where the users can create, rate, search and share informative documents at any moment. | |
| Benefits: | |
| -It will facilitate access to information. | |
| -Decreases the necessity to create information. | |
| -It allows to know the quality of the information. | |
| High-level project requirements: | |
| Requirement | Success criteria |
| Store files. | Files are uploaded to the system. |

| | |
|------------------------|--|
| User Login | Authentication with the company database. |
| Search information | A search engine with filters will be used. |
| Information evaluation | Users will be able to rate posts. |

| Milestones | Date |
|--|-------------|
| Selection of tools to use | 04/Mar/2021 |
| Division of tasks and roles between team members | 09/Mar/2021 |
| Development of the database connection | 21/Abr/2021 |
| First sprint delivery | 01/Jun/2021 |
| Development of the user module | 20/Jun/2021 |
| Development of the search bar | 22/Jul/2021 |
| Development of the filter module | 05/Agu/2021 |
| Second sprint delivery | 01/Sep/2021 |
| Development of the feedback system | 07/Sep/2021 |
| Development of the sharing system | 21/Sep/2021 |
| Unit test | 02/Oct/2021 |
| Integration testing | 15/Oct/2021 |
| Third sprint delivery | 25/Oct/2021 |


| Risks | | | | | |
|-------|---|---|---|---|---|
| # | Identified risk | Probability of occurrence | Impact | Priority | Response plan |
| 1 | Having trouble with the database connection | <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low | <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low | <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low | Verify the source of the error, identify it and solve it to have a successful connection between the server and the client. |
| 2 | The system doesn't save the post rating on the database | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low | <input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low | Identify where the record fails in the database, correct it to show feedback on the platform. |
| 3 | Difficulties at the filter search bar creation | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low | <input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low | Verify how to relate the values or labels of the data saved in the server. |
| 4 | Running out of time for fixing bugs or errors | <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low | <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low | Distribute responsibilities among team members and have good communication. |

5. Budget

Preliminary Budget, staff cost, Cost of materials (Hardware, Software, Infrastructure, etc.), Other expenses

- Programmers / Designers: 4 programmers (\$5650 MX x 4)= \$22600 MX x 12 weeks = \$271,200 MXN
- Patent registration : \$251 MXN
- Name registration : \$8,460 MXN
- Total cost : \$279,911 MXN

Project's authorization

| Name | Role | Sign | Date |
|---------------------------------|---------------|--|--------------|
| Jaime Leonardo Enriquez Alvarez | Sponsor | <u>Leornado Enriquez</u> | 01/June/2021 |
| José Enrique Cisneros Acosta | Product Owner |  | 01/June/2021 |