

## A3.1 Scrum's first phase

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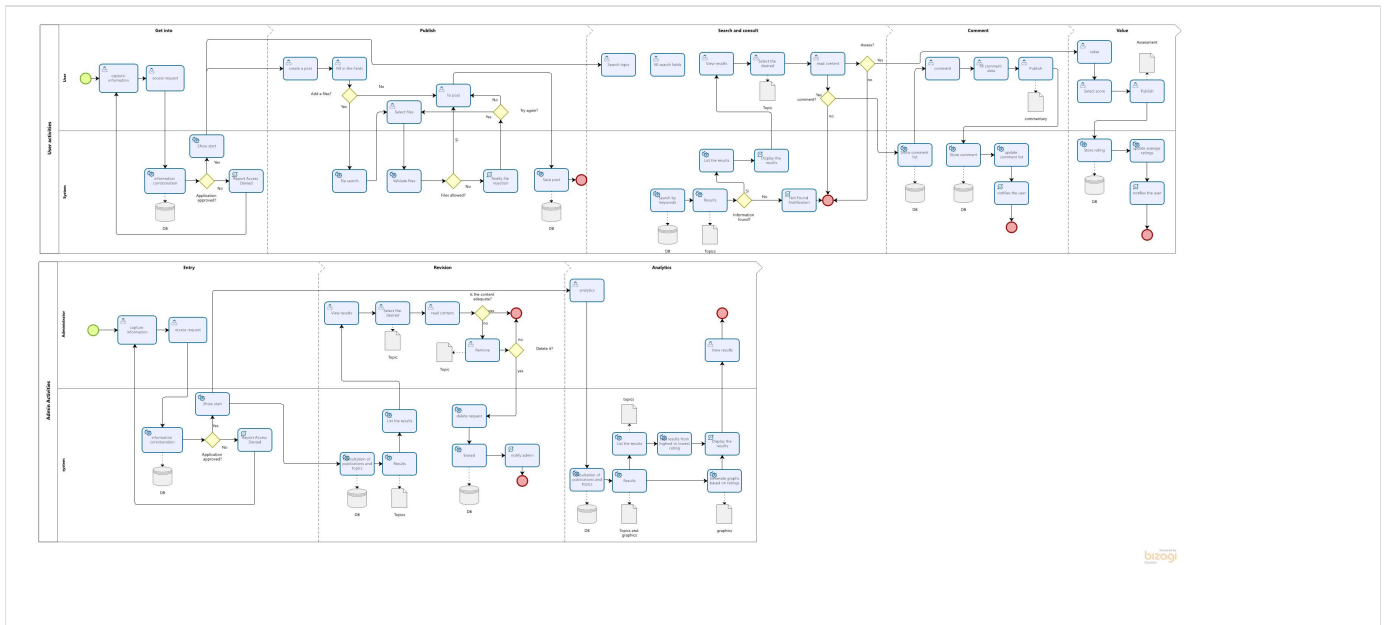
### 1. Caso de negocio

#### Antecedents

"The vid of knowledge" is a company that offers technological tools based on the management and conservation of knowledge, however due to the great competitiveness of the market and current and changing conditions, it is considering providing an application related to the "conservation of 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 problem, they will be offered a catalog with topics and solutions documented by other users.
3. Allow the topics that are published to also attach photos, videos or presentations with a maximum limit of size and duration.
4. Offer the user the power to consult the topics that they have registered and that are valued by other users.
5. Offer data analytics on the topics that are more concurrent, the topics to which users have solved their problem using the recommendations or solutions made by other users.

#### Business Model



<b>Purpose/Justification:</b>
Companies present a problem which is to retain the knowledge generated during the processes, the solution to this is a platform as accessible as possible that allows the members of the company to provide or consult prior knowledge of other colleagues.
<b>Project's Description:</b>
Application in which users belonging to an organization will be able to generate and consult topics related to problems and their solutions, in these users will be able to rate and comment, and it will be accessible at any time.
<b>Preliminary scope of the project:</b>

Satisfy the needs of any company that wishes to store the knowledge generated and that this platform be of its degree and useful to solve the problems that the company faces. This project will be based on the creation and development of a flexible platform applying design, programming and analytics, etc. In addition to complying with the established requirements to store knowledge, it is intended that this platform be useful for companies and enter into direct competitiveness with others. leading brands in the market.

#### Expected results/Benefits:

Achieve the objective of conserving knowledge in the company; At least 50% of users have used the platform within 6 months of implementation. Provide quick access to information to aid in troubleshooting.

#### High-level project requirements:

Requirement	Success criteria
Offer users a platform that is available at all times, that is easy to use and attractive, as well as that guarantees security of the information that is registered there	24/7 access to the platform and only to registered users
When a user writes a problem, they will be offered a catalog with topics and solutions documented by other users	section, display and listing of topics stored in DB
Allow the topics that are published to also attach photos, videos or presentations with a maximum limit of size and duration.	corresponding section, access to attachments in the publication and storage in the database
Offer the user the power to consult the topics that they have registered and that are valued by other users.	corresponding section, search box, display of results, and in each publication corresponding section for evaluation
Offer data analytics on the topics that are more concurrent, the topics to which users have solved their problem using the recommendations or solutions made by other users	administrator user, corresponding section and display of data, graphs and queries of what is stored in the database

#### Estimations

Analysis of requirements 04/19/2021  
 Apply usability tests 04/26/2021  
 Correction on based in test 05/03/2021  
 Function programming 05/10/2021  
 Create and enter data in the database 05/17/2021  
 Evaluation 06/24/2021  
 Final Delivery 06/31/2021

#### Risks

#	Risk	Probability	Impact	Priority	Answer plan
1	Users of this solution make little or no use of the software.	<input type="checkbox"/> High <input checked="" 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	Incentives and employee training
2	Database saturation	<input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" 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	Create indexes to improve query efficiency, create views and and use a proxy server as a query moderator
3	Content of the topics useless or badly written	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> low	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> low	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> low	Administrators will moderate this and eliminate or warn users to correct their topic.

4	Bad or no moderation by administrators	<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	<input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> low	Notifications and analytics of topics
5	Saturation of the company's internal communication network	<input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" 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	Slow connection alert message

## 5. Budget

### Estimated Preliminary Cost

Materials  
 Work team  
 workplace time  
 work team salaries  
 product distribution  
 necessary expenses  
 Total cost: \$162000 MXN / \$8,184.81 USD

### Project authorization

Name	Position	Sign	Date
Jaime Leonardo Enriquez Alvarez	Sponsor	_____	02/06/21
ITT	Sponsor	_____	02/06/21