

A1.0 Learning activity

Constitutive Act

Business:	The vid knowledge
Project's name:	eTopics
Project Type:	KMS Knowledge Management System
Sponsor:	Leonardo Enriquez
Product owner:	Carlos Gallardo
Project manager:	Merari Cortez
Scrum Master:	Jazmin Sanabria

Document purpose

This document defines the general description, objectives and participants of the project. It is mainly related to the authorization of the start of the project. It also provides a description of the current situation, high-level requirements, success criteria, risks and opportunities.

Purpose/Justification

"The vid of knowledge" is a company that offers technology tools based on knowledge management and preservation, however due to the high competitiveness of the market and the current and changing conditions, through a market study on other similar platforms, it has been determined the convenience of providing an application related to the "knowledge search" through an online platform.

Brief project description

Implement an online platform based on the search of knowledge, allowing access to an organized topics catalog, as well as the creation of a new topic so it can be registered in the platform, allowing it to be rated by different users.

Preliminary scope of the project

The following elements **are** contemplated within the Initial Scope of the Project:

- 1.- Analysis of functional requirements 2.- Platform interface design 3.- Topic registration functionality 4.- Topic evaluation functionality 5.- Topic search functionality 6.-Start-up of the platform hosted in the cloud. The following elements **are not** contemplated within the Initial Scope of the
- 1.- The development of CRUD or user registration to the platform 2.- Hiring of hosting services 3.- Drafting of all the topics of the platform|

Expected project results/Benefits

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The benefits that are foreseen with this project is that as the platform begins to be used by users and it can be enriched with topics, searches can be carried out as well as being able to give evaluations to each topic and be able to present data analytics to the company so that the performance of the platform can be observed.

High-level project requirements

Requirement	Success criteria
To 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.	The service object of this act will be terminated once the platform is considered secure and the security of the user's information is guaranteed.
When a user writes a topic, they will be offered a catalog with related and existing topics.	This requirement is considered fulfilled once the user is allowed to view a considerable amount of topics and can enrich their knowledge when searching for topics using keywords of interest.
Allow published topics to also attach photos, videos or presentations with a maximum size and duration limit.	This requirement will be terminated once users add new topics to the platform and these can be made public to the rest of the users.
Offer the user the power to consult the topics that have been registered as well as the power to download the referenced documents locally.	This requirement will be terminated once the users can carry out specialized searches and evaluate them and they can be available for the rest of the users.
Offer data analytics on the topics that are more concurrent, the topics to users who do not find the topic that shows a similar topic, using the recommendations or solutions made by the system itself.	This stage is considered completed when the company is able to access the graphs and statistics about the performance of the platform over the next 3 months of implementation.

Milestones	Date
Requirements planning and analysis	April/26/2021
Development and design of the platform	May/08/2021
Project testing and evaluation	June/01/2021
Implementation and completion of the project	June/14/2021

Risks

Too many users simultaneously connected to the platform and the platform slows down
Problems with planning project times
Users do not provide quality information on topics
Users do not upload enough topics to enrich the information on the platform

Risks

Project phases not completed on time

Lack of acceptance of the design by the client

Lack of capacity and experience of the development team to carry out the platform

Estimated Preliminary Cost/Budget

Hosting	\$ 27.50 Dlls monthly (Fixed Cost)
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Analysis and Planning	\$ 2,000.00 Dlls
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Development	\$ 4,000.00 Dlls
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tests	\$ 1,000.00 Dlls
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Deployment	\$ 1,000.00 Dlls
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Total	\$ 8,000.00 Dlls
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**Interested
in the
project**

Interested	position	Role	Telephone	E-mail
Yessica Orihuela	Development team	Platform developer	6646326370	yessica.orihuela17@tectijuana.edu.mx
Carlos Gallardo	Product Owner	Lead the project	6646326370	carlos.gallardo17@tectijuana.edu.mx
Jazmin Sanabria	Scrum Master	Help and lead the rest of the team to reach the objectives on time	6646326370	jazmin.sanabria17@tectijuana.edu.mx
Merari Cortes	Development team	Platform developer	6646326370	merari.cortes17@tectijuana.edu.mx
Leonardo Enriquez	Client	Sponsor	6646326370	leonardo.enriquez@tectijuana.edu.mx

Assumptions

The development team has the knowledge and experience in the languages in which the project will be developed.

The company has computer equipment on which the platform will be implemented.

Users will constantly generate topics to enrich the platform.

All users who access the platform have a username and password provided by the company

Assumptions

The servers where the page is hosted have a good functioning.

Restrictions

The platform must be developed for a web environment and must meet the main or high-level requirements of the project.

There is a date for the delivery of the project and this must be met. For the protection of company information, access to the database should not be allowed to register users, this must be through an API.]

Project authorization

Name	Position	Firm	Date
Leonardo Enriquez	Sponsor	-	12/april/2021
Carlos Gallardo	Product owner	-	12/april/2021

Conclusions

Yessica Orihuela

In this practice of the constitutive act of the project, the easiest things to do were the objectives, the justification because if you know well the project and its scope and you know well what you want to achieve that is not too complicated. One of the things a little more complicated was the costs since I have never sold a software or a project that is worked in team since it is required to pay the salary of several people, this is complicated to establish since I do not have experience in that, however these practices serve to think a little about that and to be taking experience.

Carlos Gallardo

The constitutive act is an extremely important document that provides both the client and the developers with a document detailing all the elements that will make up the project (so that there are no doubts when it starts being developed). The biggest challenge with the act is that both the client and their counterpart are satisfied.

Merari Cortes

In this practice I realized the steps that are carried out to carry out a project for a company, all the requirements that we must take into account, a clear purpose of the project as well as an estimate of the cost of the project, this was not so complex. Practice if not that I had to inform myself a price range that a project like this needs to get up.

Jazmin Sanabria

Making a Software project is neither fast nor simple, since a large variety of things should be taken into account such as the people directly involved, the limitations and the projections over the established goals. All of these processes have something in common: clarifying every point so there wouldn't be space for any doubts or misunderstandings. I think a fundamental part of a consolidation document is not just doing things right, but knowing exactly where the project is ending and how it is going to make it through. After all, no

matter how well an application is well-coded, if it doesn't reflect the customer needings, the efforts and time will be worthless.

[My github repository](#)