Project start

🏆 A1.0 Learning activity

Project's constitutive act elaboration.

📘 Instructions

- Based on the provided information by the teacher about design's thinking empathize phase, develop the indicated activity from the development's section, and if necessary make a brief investigation about **tools to collect information for the customer requirements analysis**.

- Every activity or challenge must be realized using **Markdown style with .md extension** and VSCode development environment, it has to be as a **single page** document, which means if the document has images, links or another external document it must be accessed from tags and links, and must be named with the nomenclature **A0.1_ActivityName_StudentName.pdf**.

- As a requirement the .MD file must contain a tag of the link to the repository of your GITHUB document, for example a **Link to my GitHub** and after finishing the task it must be submitted to Github.

- From the **.md** file export a **.pdf** that must be uploaded to Classroom in the corresponding section, serving as evidence of turned in, since being the **official** platform here you will receive the activity's result. Considering that the .PDF file was obtained from the .MD file, both must be identical.

- Your repository, besides containing a **readme**.md inside the root directory containing student's information, team, subject, career, teacher's information, and also a logo or pictures, must contain a section of contents or index, which are **links to your md documents**, try not to use text to indicate internal or external links.

- It's suggested to use a structure similar to the one indicated below, however, you can use any other structure that can help you organize your repository.

```
| readme.md
| | blog
| | | Cx.1_NombredelaActividad.md
| | | Ax.1_NombredelaActividad.md
| | diagrams
| | docs
| | html
| | img
| | pdf
```

✏️ Development

1. Make the attached document following the instructions of the constitutive act.
2. Register the requested data in each one of the sections of the constitutive act for the study case.

Enterprise:	
Project's Name:	Datalight
Type of Project:	Desktop / Mobile
Sponsor:	Jaime Leonardo Enriquez Alvarez
Product Owner:	Moises Mancilla Mora
Project Manager:	Cesar Arredondo Bonilla
Scrum Master:	Alejandro Valerde Sanchez

Document's Purpose

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

Purpose/Justification:

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.

Project's Description:

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. |

Preliminary scope of the project:

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: **success criteria**

High-level project requirements:	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

Milestones	Date
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	05/24/2021
Final Delivery	05/31/2021

Risks
Users of this solution make little or no use of the software.
Database saturation
Content of the topics useless or badly written
Bad or no moderation by administrators
Saturation of the company's internal communication network
cost
Incompatibility with the companies' databases

Estimated Preliminary Cost / Budget
platforms, software and licenses

Estimated Preliminary Cost / Budget

Materials
Work team
workplace time
work team salaries
product distribution
necessary expenses

Total cost: $162000 MXN / $8,184.81 USD

Interested in the project

Interested	Role	Responsibilities	Telephone	Email
Alejandro Valerde Sanchez	Scrum Master	Manager of work teams	66484568736	alejandro.valerde17@tectijuana.edu.mx
Moises Mancilla Mora	Product Owner	Manager, verifier and administration of methods and processes	66468715947	moises.mancilla17@tectijuana.edu.mx
Cesar Arredondo Bonilla	Project Manager	Process management and control	66484732014	cesar.arredondo17@tectijuana.edu.mx
Javier Chavez Vargas	Scrum Team	support with the design and development of the project	6649873824	javier.chavez17@tectijuana.edu.mx

Assumptions

The company has enough storage space for the application
The company manages a database of employees
The company has an internal communication network
Users will consult the platform for information

The company will assign the personnel in charge of managing the solution |

Restrictions

Restrictions

The platform must be applicable to any requesting company, it must be generic, it must connect to the company's BD and provide unique access to registered users, there must be no external records for their access, not provide personal information of the employees and It must have the access of employees and administrator users

Project authorization

Name	Position	Signature	date
Jaime Leonardo Enriquez Alvarez	Patrocinador	_____	04/19/2021

##Conclusions

1. Arredondo Bonilla Cesar

In this practice in my case I had some problems when trying to fill in some points of the constitutive act, such as when trying to establish the cost of the software, to solve that problem I had to investigate different methodologies to calculate the cost of a software and the one that It seemed simpler was the estimation based on the use case points method, with this you can obtain the man-hours required to develop a software and with these obtain the final cost. In addition to this, it was possible to have a clearer vision of the different important points to consider during the development of the software.

2. Chavez Vargas Javier

In this practice of the constitutive act, you learn how to fill out a document with the bases of a project where the greatest amount of information that represents the project is written, so when someone reads it, they are able to understand the right and know who is part of the project. The fields to fill in are common information but you have to think well about what to write, and detail the fields well to be more explicit and that anyone can understand them, although it does not hurt to be guided by other articles of incorporation to guide you and have a better perspective from work. With this act, those in charge of receiving it can better understand the project

3. Mancilla Mora Moises

In this practice, the important points of the constitutive act of the project were developed, the justification was established for why this project is going to be elaborated and a brief description of what the project consists of. It was analyzed, what is sought with this project and the expected results. During the development of the high-level requirements, it was being developed thinking about the requirements that were obtained from the interview. We also thought about all the key moments during the development of the project and the possible risks that the project can affect during its development and in the final delivery. With the points made, you can have a better idea about the project.

4. Valerde Sanchez Alejandro

The previous practice was a representation of how the constitution of a company in full development is established. As could be seen, creating this document requires a lot of planning and a detailed analysis of the tasks to be carried out. The purpose to comply with the minutes is achieved by establishing the points,

members, objectives, purposes and stakeholders involved. The practice was concluded individually and then completed as a team, each one contributing a part to the final work.

💣 Rubric

Criteria	Description	Score
Instructions	Is each one of the points indicated in the section fulfilled?	10
Development	Was each one of the points requested within the development of the activity answered?	60
Demonstration	Does the student introduce himself during the explanation of the functionality of the activity?	20
Conclusions	Is a personal opinion of the activity included by each of the team members?	10

🏠 My GitHub