A3.1 Scrum start phase: Project vision statement

Introduction

A3.1 Learning activity

Project documentation using the Scrum framework for the inception phase.

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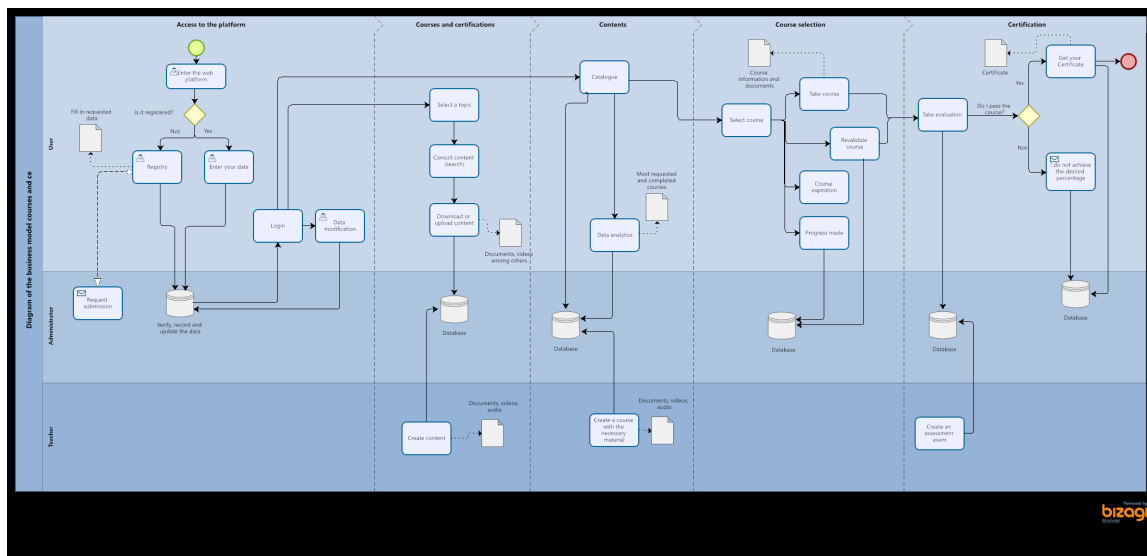## 1. Business case

Background

Currently in the information age in which we live, knowledge is increasingly available to everyone, in fact in recent years several platforms have emerged where practically anything can be learned. So for this project there are several examples of platforms that offer courses and in the same way they certify you as in the case of "SoloLearm" that shows us different programming languages   where you enter with an account and you can take any course and when you finish it, you certify. Another serious example Coursera is a platform that was founded in 2012 by a couple of Stanford University professors, their idea was to be able to get their knowledge to more people than they could teach if they only dedicated themselves to the classrooms. When trying to take a course, Coursera offers you the option of studying it for free,

Impact mapping (business modeling)

See better

2. Product owner

Deal:	Disae
Project's name:	Certificate
Project Type:	KMS knowledge management systems
Owner:	Garza Aguilar Sergio Alberto
Product owner:	Enriquez Álvarez Jaime Leonardo
Project Manager:	Diana Hernandez Fernandez
Scrum Master:	Zazueta Lopez Diana
Project group:	Acosta Noriega Saúl Eduardo

3. Project vision statement

Case Study 1: Courses and Certifications

"The vine 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 will provide an application referred to "courses and certifications" through of an online platform, at a level of quality and cost that allows you to obtain greater 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 available at all times, easy to use and attractive, in addition to guaranteeing the security of the information that is recorded there.

two. Offer users to enroll in any course through a course catalog and / or roadmap based on an established profile.

3. Allow courses that are published and offered to be created using different formats such as videos or presentations, and separated by topics with a maximum limit of size and duration.

Four. Offer the user the progress made by each course, and when completed through a successful assessment, give a certification verification.

5. Provide data analysis on the most requested courses, the courses users enrolled and completed, as well as users whose certification is about to expire or expire.

4. Constitutional act of the project

Purpose / Justification:

Due to the great competitiveness of the market and current and changing conditions, our purpose is to develop an application for company employees and other users in which they will find courses that will help them reinforce the knowledge acquired during their work period as w ell same training them in new topics of which they have or have no prior knowledge, benefiting from certifications which can be reflected in the curriculum vitae thus achieving a good business profile, also being of great help to the company in such a way that it achieves greater gai ns against the competition for having a good team trained for customer service.

Brief description of the project:

Web platform that can be accessed at any time, different courses will be made available, and upon successful completion of one, you will be given an official certification that confirms the work and dedication, providing a feeling of success. While a user is within the platform, they will be able to consult study materials and share ideas and doubts with others, as well as see their most requested progress and courses.

Preliminary scope of the project:

General Objective.

Develop an easy-to-use online platform, at a level of quality and cost that attracts users, guaranteeing the preservation of knowledge through courses, granting proof of certification.

Specific objectives

- Increase the growth of course enrollment by 25% in 4 months, offering digital data in reports to users, of the most requested and completed courses.
- Be enrolled in a course per user, at least within 2 weeks of being registered on the platform, once a successful evaluation has been carried out, grant your certification.
- Increase 60% in 5 months in the exchange and transfer of content and experiences, in formats, either video, audio, word, PDF, power point, with an established size and duration limit.

Expected project results / Benefits:

An online platform developed successfully in the established time is expected. Being this attractive and easy to use, complying with each of t
I have requirements and objectives set.

Profits:
- Trained staff.
- Greater benefits for the company.
- Greater number of clients knowing that the staff is trained.

High-level project requirements:

Requirement	Success criteria
The system will allow the user to register on the platform as long as they enter all the requested data.	One time verified the data, the system will allow you access the platform.
The system will control access and allow it only to authorized users. Users must log in with a username and password.	One time verified the data, the system will allow you access the platform.
The system will allow the user to observe the data analysis of the most requested and completed courses.	The platform data must always be up to date.
On the platform, users will have access to different support materials that will provide them with the necessary tools to obtain knowledge to complete their courses.	Different queries can be made depending on the need.
By being enrolled in a course, the user will be able to validate their progress and upon completion must obtain a certificate that accredits the successful completion of the course.	The platform will show progress and provide a certificate at the end of a course.

Dear

Milestones schedule

Date:	February	March	April	May	June
Project start	Milestone1				
Information system type		Milestone2			
Development process and flow.		Milestone3			
Data collection: Interview		Milestone4			
Objectives		Milestone5			
Elaboration of the constitutive act			Milestone6		
System Requirements			Milestone7		
Requirements modeling			Milestone8		
Design			Milestone9		
Revision				Milestone10	
Tests				Milestone11	
Implementation				Milestone12	
Results					Milestone13
Completion milestone					End

Risks

#	Identified	Probability idea	Impact	Priority	Response plan
1	Delay during the project	☐ High ☐ Half ☑ Under	☐ High ☑ Half ☐ Under	☑ High ☐ Half ☐ Under	Work on the milestone calendar to be able to carry out each task of the project and if not delay with the project.
two	Quality decline.	☐ High ☑ Half ☐ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	In order not to lose quality within the platform, it will be maintained from time to time either to improve it or to maintain it with good quality.
3	The requirements are incomplete.	☐ High ☐ Half ☑ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	Consistently define the requirements and use the planning tool correctly to meet each of them successfully.
4	Lack of commitment from the team Bad communication in the team.	☐ High ☐ Half ☑ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	Be more aware of what to add to continue the project.
5	Lack of authority in the team to complete work and achieve objectives.	☐ High ☐ Half ☑ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	The development manager will be updated every 8 hours on the progress that has been made to meet each of the objectives established.
6	Unstable connection to the database.	☐ High ☐ Half ☑ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	Maintenance will be done every 48 hours to avoid this problem.
7	Decision making that reduces the motivation of the development team.	☐ High ☑ Half ☐ Below	☐ High ☑ Half ☐ Below	☐ High ☑ Half ☐ Below	Decisions will be made only once and will be established so that the development team does not lose motivation about the project.
8	Planning is too bad to adjust to the desired speed of development.	☐ High ☑ Half ☐ Below	☑ High ☐ Half ☐ Below	☑ High ☐ Half ☐ Below	Prepare a schedule of activities to carry out a carry out an carry out a carry out a better management of the project.

5. Budget

Budget for courses and certifications			
Activities	Hours	Personnel cost	Total
Planning development.	20	800	16000
Design development	20	800	16000
Revision	8	800	6400
Tests	10	800	8000
Implementation	20	800	16000
Results	5	800	4000
Office team	0	0	50000
Others	0	0	70000
Subtotal	83	4800	186400

Project authorization

Name	Position	Firm	Date
Jaime Leonardo Enríquez Álvarez	Product owner	___Leonardo Enríquez ____ ____	06/04/2021
Garza Aguilar Sergio Alberto	Owner	Aguilar Sergio _____	06/04/2021

Name	Conclution
Acosta Noriega Saúl Eduardo	In this job it was easy to work with the scrum methodology, in the same way it helped us to work collaboratively as if it were Google Drive where we were all working and if it was faster to finish the requested work.
Garza Aguilar Sergio Alberto	First part of the development implementing the scrum methodology, the teamwork of colleagues is much more focused if it is guided by objectives, in this document the elements previously worked for the initial phase are used, this makes clear the way in which we are going to work and in what.
Hernandez Fernandez Diana	The scrum methodology was put into practice, which I did not know where we already used some data that were previously developed in the matter and using this platform facilitated teamwork since they also handle a large number of designs to apply in the document.
Zazueta Lopez Diana	Throughout the development of this work, I was able to see and learn the importance of the scrum methodology that helped us to carry out a good practice to work in a team collaboratively and obtain the best possible result from our project, courses and certifications.

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