Introduction

🏆 A3.4 Learning activity

Project documentation using the Scrum framework for the planning and estimation phase.

📘 Instructions

- Based on research and the document provided by the consultant, perform project documentation using the scrum framework for the case study.
- The activity must be carried out using a platform such as **Notion**, or **Confluence**, and must be sent in PDF style, naming it with the nomenclature **A3.4_ActivityName_StudentName.pdf.**.
- Your repository, in addition to having a **readme**.md file in its root directory, with information such as student data, work team, subject, career, advisor data, and even logo or images, must have a contents section or index.
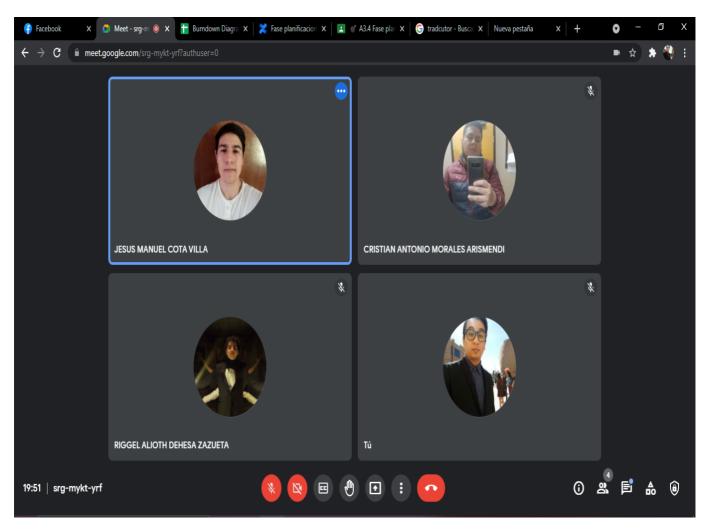
✏️ Development

1. Join your team and start preparing what is requested below:

   - ☑ 1.1 Identify the tasks for each user story.
   - ☑ 1.2 Estimate tasks using a digital tool.
   - ☑ 1.3 Create the Sprint backlog with the estimated tasks in hours.
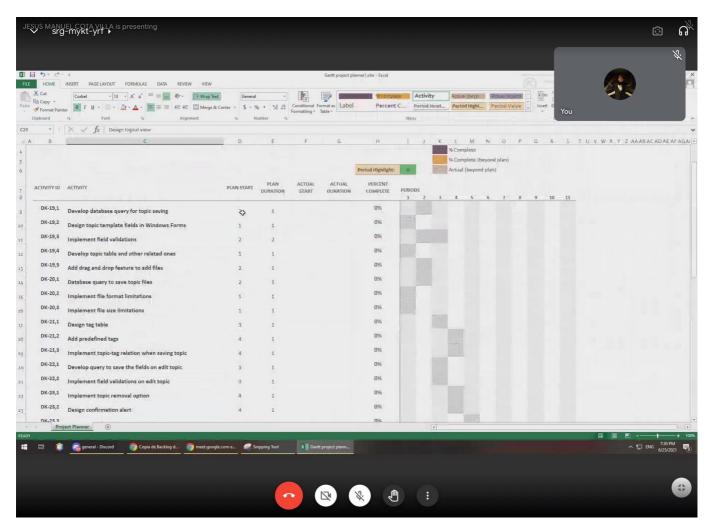   - ☑ 1.4 Develop your gantt chart.
   - ☑ 1.5 Identify dependencies of each task and relate it to the activity it depends upon.
   - ☑ 1.6 Elaborate Burn down chart the sprint one.

2. Present this information using visual and graphical tools within the sprint planning meeting.

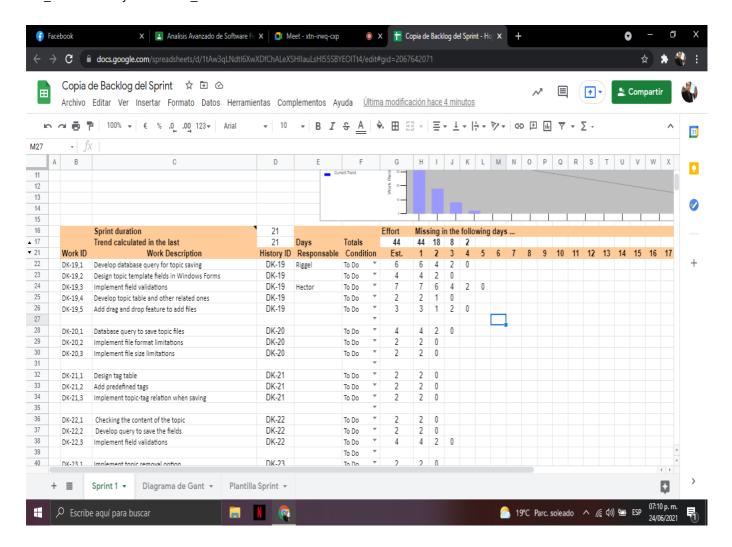3. Place a section with evidence to show that you came together to develop the activity as a team..

Meeting evidence

TITLE:	EST.:	TIME.:
Active Stories 0 Completed Stories 17 All Stories 17		
Query de eliminacion del topico	2	00:00:15
Diseñar alerta de confirmacion	1	00:00:58
Implementar opcion de eliminacion de topico	2	00:00:29
Implementar validaciones de campos	4	00:00:41
Desarrollar query para guardar los campos	2	00:00:41
Consulta del contenido del topico	2	00:01:02
Implementar liga de etiqueta con topico	2	00:00:42
Predefinir tags	2	00:00:21
Diseñar tabla de tags	2	00:00:54
Implementar limitaciones de tamaño de los archivos	2	00:01:20
Implementar limitaciones de formato de archivos	2	00:00:20
Consultas y transacciones de los archivos de los topicos	4	00:00:56
Implementar drag and drop de archivos	3	00:01:01
Diseñar tabla de topicos y tablas relacionadas	2	00:01:55
Implementar validaciones de campos de la plantilla	7	00:01:26
Diseñar los campos de la plantilla con windows forms	4	00:01:18
Implementar el query de la base de datos	6	00:01:23

| | Sprint duration | | | 11 | | Effort | Missing in the following days ... | | | | | | | | | | | |
| | Trend calculated in the last | | | 11 | Days | Totals | 113 | 103 | 86 | 75 | 68 | 55 | 43 | 28 | 19 | 8 | 3 | 0 | |
Work ID	Work Description	Dependencies	History ID	Responsable	Condition	Est.	1	2	3	4	5	6	7	8	9	10	11	Restante
DK-19,1	Develop database query for topic saving	DK-19,4	DK-19	Riggel	To Do	6	6											0
DK-19,2	Design topic template fields in Windows Forms	None	DK-19	Edy	To Do	4	4											0
DK-19,3	Implement field validations	DK-19,2	DK-19	Hector	To Do	7		4	3									0
DK-19,4	Develop topic table and other related ones	None	DK-19	Cristhian	To Do	2	2											0
DK-19,5	Add drag and drop feature to add files	DK-19,2	DK-19	Edy	To Do	3		3										0
DK-20,1	Database query to save topic files	DK-19,4	DK-20	Cristhian	To Do	4		4										0
DK-20,2	Implement file format limitations	None	DK-20	Hector	To Do	2	2											0
DK-20,3	Implement file size limitations	None	DK-20	Riggel	To Do	2	2											0
DK-21,1	Design tag table	None	DK-21	Riggel	To Do	2			2									0
DK-21,2	Add predefined tags	DK-21,1	DK-21	Edy	To Do	2				2								0
DK-21,3	Implement topic-tag relation when saving topic	DK-21,1	DK-21	Christian	To Do	2				2								0
DK-22,1	Develop query to save the fields on edit topic	DK-19,4	DK-22	Edy	To Do	2			2									0
DK-22,2	Implement field validations on edit topic	None	DK-22	Christian	To Do	4			4									0
DK-23,1	Implement topic removal option	None	DK-23	Riggel	To Do	2				2								0
DK-23,2	Design confirmation alert	None	DK-23	Hector	To Do	1				1								0
DK-23,3	Topic removal query	DK-19,4	DK-23	Edy	To Do	2					2							0
Dk-15,1	Design search bar	None	DK-15	Cristhian	To Do	2					2							0
Dk-15,2	Implement search bar	Dk-15,1	DK-15	Riggel	To Do	1							1					0
DK-16,1	Design profile view	None	DK-16	Hector	To Do	4						4						0
DK-16,2	Design configuration view	None	DK-16	Riggel	To Do	5						5						0
DK-16,3	Design logout view	None	DK-16	Cristhian	To Do	2							2					0
DK-16,4	Design statistics view	None	DK-16	Edy	To Do	4							4					0
DK-16,5	Design admin controls view	None	DK-16	Hector	To Do	5							5					0
DK-16,6	Design topic control View	None	DK-16	Riggel	To Do	4								4				0
Dk-17,1	Design concurrent topic panel	None	DK-17	Cristhian	To Do	4								4				0
Dk-18,1	Design featured topics panel	None	DK-18	Hector	To Do	4								4				0
DK-24,1	Develop panels search queries	None	DK-24	Edy	To Do	3								3				0
DK-24,2	Search validation	DK-24,1	DK-24	Edy	To Do	4									2	2		0
DK-24,3	Develop querys by topics	DK-24,1	DK-24	Cristhian	To Do	2									2			0
DK-25,1	Develop querys by description	DK-24,1	DK-25	Riggel	To Do	2									2			0
DK-26,1	Develop search ordering method	DK-24,1	DK-26	Hector	To Do	3									3			0
DK-27,1	Design comment display	None	DK-27	Edy	To Do	6										4	2	0
DK-27,2	Develop transaction to save comments	None	DK-27	Cristhian	To Do	4										2	2	0
DK-27,3	Implemente comment-topic relationship	DK-19,4	DK-27	Riggel	To Do	1										1		0
DK-28,1	Develop topic rating query	None	DK-28	Hector	To Do	3										2	1	0
DK-28,2	Develop transaction to save rating	None	DK-28	Edy	To Do	2											2	0
DK-28,3	Implemente rating-topic relationship	DK-19,4	DK-28	Cristhian	To Do	1											1	0

JESUS MANUEL COTA VILLA is presenting
srg-mykt-yrf

Gantt project planner1.xlsx - Excel

C29 — Design logout view

Activity ID	Activity	Plan Start	Plan Duration	Actual Start	Actual Duration	Percent Complete
DK-19,1	Develop database query for topic saving		1			0%
DK-19,2	Design topic template fields in Windows Forms	1	1			0%
DK-19,3	Implement field validations	2	2			0%
DK-19,4	Develop topic table and other related ones	1	1			0%
DK-19,5	Add drag and drop feature to add files	2	1			0%
DK-20,1	Database query to save topic files	2	1			0%
DK-20,2	Implement file format limitations	1	1			0%
DK-20,3	Implement file size limitations	1	1			0%
DK-21,1	Design tag table	3	1			0%
DK-21,2	Add predefined tags	4	1			0%
DK-21,3	Implement topic-tag relation when saving topic	4	1			0%
DK-22,1	Develop query to save the fields on edit topic	3	1			0%
DK-22,2	Implement field validations on edit topic	3	1			0%
DK-23,1	Implement topic removal option	4	1			0%
DK-23,2	Design confirmation alert	4	1			0%

Work ID	Work Description	History ID	Responsable	Condition	Est.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Sprint duration	21																				
	Trend calculated in the last	21	Days	Totals	44	44	18	8	2													
DK-19,1	Develop database query for topic saving	DK-19	Riggel	To Do	6	6	4	2	0													
DK-19,2	Design topic template fields in Windows Forms	DK-19		To Do	4	4	2	0															
DK-19,3	Implement field validations	DK-19	Hector	To Do	7	7	6	4	2	0													
DK-19,4	Develop topic table and other related ones	DK-19		To Do	2	2	1	0															
DK-19,5	Add drag and drop feature to add files	DK-19		To Do	3	3	1	2	0														
				To Do																			
DK-20,1	Database query to save topic files	DK-20		To Do	4	4	2	0															
DK-20,2	Implement file format limitations	DK-20		To Do	2	2	0																
DK-20,3	Implement file size limitations	DK-20		To Do	2	2	0																
				To Do																			
DK-21,1	Design tag table	DK-21		To Do	2	2	0																
DK-21,2	Add predefined tags	DK-21		To Do	2	2	0																
DK-21,3	Implement topic-tag relation when saving	DK-21		To Do	2	2	0																
				To Do																			
DK-22,1	Checking the content of the topic	DK-22		To Do	2	2	0																
DK-22,2	Develop query to save the fields	DK-22		To Do	2	2	0																
DK-22,3	Implement field validations	DK-22		To Do	4	4	2	0															
				To Do																			
DK-23,1	Implement topic removal option	DK-23		To Do	2	2	0																

Gant Diagram Sprint 1 Dream Knowledge

ACTIVITY	ACTIVITY	PLAN START	PLAN DURATION	ACTUAL START	ACTUAL DURATION	PERCENT COMPLETE
DK-19,1	Develop database query for topic saving	2	1			0%
DK-19,2	Design topic template fields in Windows Forms	1	1			0%
DK-19,3	Implement field validations	2	2			0%
DK-19,4	Develop topic table and other related ones	1	1			0%
DK-19,5	Add drag and drop feature to add files	2	1			0%
DK-20,1	Database query to save topic files	2	1			0%
DK-20,2	Implement file format limitations	1	1			0%
DK-20,3	Implement file size limitations	1	1			0%
DK-21,1	Design tag table	3	1			0%
DK-21,2	Add predefined tags	4	1			0%
DK-21,3	Implement topic-tag relation when saving topic	4	1			0%
DK-22,1	Develop query to save the fields on edit topic	3	1			0%
DK-22,2	Implement field validations on edit topic	3	1			0%
DK-23,1	Implement topic removal option	4	1			0%
DK-23,2	Design confirmation alert	4	1			0%
DK-23,3	Topic removal query	5	1			0%
Dk-15,1	Diseñar barra de busqueda	5	1			0%
Dk-15,2	Implementar barra de busqueda	6	1			0%

Conclusions

Cota Villa Edy Jesús Manuel

In this activity we carry out the tasks of the user stories that handled 3 epics in order to create a burndown char that allows us to visualize the hours required to complete the sprint, with Excel we calculated a diagram that presented us with two lines the line with the ideal times in the period and how the sprint development process should go and the line that indicates exactly how we are going, where although we would like everything to go according to plan due to the dependencies of the tasks as well as the duration of some it is difficult to follow the ideal line, and as this is reflected in the grant diagram, finally, what was dealt with is that every day they will all carry out some activity that was the most difficult.

Jaramillo Regino Hector Armando

In this activity we carry out the first sprint backlog creating tasks from the user stories, to later estimate them in hours with the PlanIt Pocker application, we use the excel template that the teacher provided us The activity was not complex as such, just very annoying to do since we took a long time creating the tasks and assigning them to the days to create a balanced workflow in our 2 week sprint, which we determined would last 11 days for 5 weekdays and noon on Saturday.

Dehesa Zazueta Riggel Alioth

were able to distribute tasks to each one of us, and we were able to estimate them by hours. Scrum by its characteristics is not valid for any project or for any person or team of people. Moreover, Scrum according to many specialists of this methodology, is optimal for work teams of up to 8 people, although there are companies that have used Scrum successfully

Morales Arismendi Cristhian Antonio

In this activity I learned about how to estimate user stories and decompose each user story into tasks and be able to assign hours to each task through the planning pocket and be able to graph them in a ghant chart, since the planning of our project was to achieve a specific objective through a special series of tasks that do not really cover our entire project as such but part of it, that is why we decided to introduce it in our first sprint.

💣 Rubric

Criteria	Description	Score
Instructions	Is each of the points indicated in the Instructions 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

🎋 Links

Cota Villa Edy Jesús Manuel

🏠 Repository

Jaramillo Regino Hector Armando

🏠 Repository

Dehesa Zazueta Riggel Alioth

🏠 Repository

Morales Arismendi Cristhian Antonio

🏠 Repository

Estimation and Planification Phase: Artifacts

Sprint Backlog

	Sprint duration			11		Effort	Missing in the following days ...										
	Trend calculated in the last			11	Days	Totals	113	113	100	86	75	68	55	43	28	19	8	3
Work ID	Work Description	Dependencies	History ID	Responsable	Condition	Est.	1	2	3	4	5	6	7	8	9	10	11
DK-19,1	Develop database query for topic saving	DK-19,4	DK-19	Riggel	To Do	6	6	6									
DK-19,2	Design topic template fields in Windows Form	None	DK-19	Edy	To Do	4	4										
DK-19,3	Implement field validations	DK-19,2	DK-19	Hector	To Do	7	7	4	3								
DK-19,4	Develop topic table and other related ones	None	DK-19	Cristhian	To Do	2	2										
DK-19,5	Add drag and drop feature to add files	DK-19,2	DK-19	Edy	To Do	3	3	3									
DK-20,1	Database query to save topic files	DK-19,4	DK-20	Cristhian	To Do	4	4	4									
DK-20,2	Implement file format limitations	None	DK-20	Hector	To Do	2	2										
DK-20,3	Implement file size limitations	None	DK-20	Riggel	To Do	2	2										
DK-21,1	Design tag table	None	DK-21	Riggel	To Do	2	2	2	2								
DK-21,2	Add predefined tags	DK-21,1	DK-21	Edy	To Do	2	2	2	2	2							
DK-21,3	Implement topic-tag relation when saving topic	DK-21,1	DK-21	Christian	To Do	2	2	2	2	2							
DK-22,1	Develop query to save the fields on edit topic	DK-19,4	DK-22	Edy	To Do	2	2	2	2								
DK-22,2	Implement field validations on edit topic	None	DK-22	Christian	To Do	4	4	4	4								
DK-23,1	Implement topic removal option	None	DK-23	Riggel	To Do	2	2	2	2	2							
DK-23,2	Design confirmation alert	None	DK-23	Hector	To Do	1	1	1	1	1							
DK-23,3	Topic removal query	DK-19,4	DK-23	Edy	To Do	2	2	2	2	2	2						
Dk-15,1	Diseñar barra de busqueda	None	DK-15	Cristhian	To Do	2	2	2	2	2							
Dk-15,2	Implementar barra de busqueda	Dk-15,1	DK-15	Riggel	To Do	1	1	1	1	1	1	1					
DK-16,1	Design profile view	None	DK-16	Hector	To Do	4	4	4	4	4	4						
DK-16,2	Design configuration view	None	DK-16	Riggel	To Do	5	5	5	5	5	5						
DK-16,3	Design logout view	None	DK-16	Cristhian	To Do	2	2	2	2	2	2	2					
DK-16,4	Design statistics view	None	DK-16	Edy	To Do	4	4	4	4	4	4	4					
DK-16,5	Design admin controls view	None	DK-16	Hector	To Do	5	5	5	5	5	5	5					
DK-16,6	Design topic control View	None	DK-16	Riggel	To Do	4	4	4	4	4	4	4	4				
Dk-17,1	Design concurrent topic panel	None	DK-17	Cristhian	To Do	4	4	4	4	4	4	4	4				
Dk-18,1	Design featured topics panel	None	DK-18	Hector	To Do	4	4	4	4	4	4	4	4				
DK-24,1	Develop panels search queries	None	DK-24	Edy	To Do	3	3	3	3	3	3	3	3				
DK-24,2	Search validation	DK-24,1	DK-24	Edy	To Do	4	4	4	4	4	4	4	4	4	2		
DK-24,3	Develop querys by topics	DK-24,1	DK-24	Cristhian	To Do	2	2	2	2	2	2	2	2	2			
DK-25,1	Develop querys by description	DK-24,1	DK-25	Riggel	To Do	2	2	2	2	2	2	2	2	2			
DK-26,1	Develop search ordering method	DK-24,1	DK-26	Hector	To Do	3	3	3	3	3	3	3	3	3			
DK-27,1	Design comment display	None	DK-27	Edy	To Do	6	6	6	6	6	6	6	6	6	6	2	
DK-27,2	Develop transaction to save comments	None	DK-27	Cristhian	To Do	4	4	4	4	4	4	4	4	4	4	2	
DK-27,3	Implemente comment-topic relationship	DK-19,4	DK-27	Riggel	To Do	1	1	1	1	1	1	1	1	1	1		
DK-28,1	Develop topic rating query	None	DK-28	Hector	To Do	3	3	3	3	3	3	3	3	3	3	1	
DK-28,2	Develop transaction to save rating	None	DK-28	Edy	To Do	2	2	2	2	2	2	2	2	2	2	2	2
DK-28,3	Implemente rating-topic relationship	DK-19,4	DK-28	Cristhian	To Do	1	1	1	1	1	1	1	1	1	1	1	1

Gantt Diagram

Gant Diagram Sprint 1 Dream Knowledge

		Plan Duration
		Actual Start
Period Highligh	0	% Complete
		% Complete (beyond plan)
		Actual (beyond plan)

ACTIVITY II	ACTIVITY	PLAN START	PLAN DURATION	ACTUAL START	ACTUAL DURATION	PERCENT COMPLETE
DK-19,1	Develop database query for topic saving	2	1			0%
DK-19,2	Design topic template fields in Windows Forms	1	1			0%
DK-19,3	Implement field validations	2	2			0%
DK-19,4	Develop topic table and other related ones	1	1			0%
DK-19,5	Add drag and drop feature to add files	2	1			0%
DK-20,1	Database query to save topic files	2	1			0%
DK-20,2	Implement file format limitations	1	1			0%
DK-20,3	Implement file size limitations	1	1			0%
DK-21,1	Design tag table	3	1			0%
DK-21,2	Add predefined tags	4	1			0%
DK-21,3	Implement topic-tag relation when saving topic	4	1			0%
DK-22,1	Develop query to save the fields on edit topic	3	1			0%
DK-22,2	Implement field validations on edit topic	3	1			0%
DK-23,1	Implement topic removal option	4	1			0%
DK-23,2	Design confirmation alert	4	1			0%
DK-23,3	Topic removal query	5	1			0%
Dk-15,1	Diseñar barra de busqueda	5	1			0%
Dk-15,2	Implementar barra de busqueda	6	1			0%
DK-16,1	Design profile view	5	1			0%
DK-16,2	Design configuration view	5	1			0%
DK-16,3	Design logout view	6	1			0%
DK-16,4	Design statistics view	6	1			0%
DK-16,5	Design admin controls view	6	1			0%
DK-16,6	Design topic control View	7	1			0%
Dk-17,1	Design concurrent topic panel	7	1			0%
Dk-18,1	Design featured topics panel	7	1			0%
DK-24,1	Develop panels search queries	7	1			0%
DK-24,2	Search validation	8	2			0%
DK-24,3	Develop querys by topics	8	1			0%
DK-25,1	Develop querys by description	8	1			0%
DK-26,1	Develop search ordering method	8	1			0%
DK-27,1	Design comment display	9	2			0%
DK-27,2	Develop transaction to save comments	9	2			0%
DK-27,3	Implemente comment-topic relationship	9	1			0%
DK-28,1	Develop topic rating query	9	2			0%
DK-28,2	Develop transaction to save rating	11	1			0%
DK-28,3	Implemente rating-topic relationship	11	1			0%

PERIODS: 1 2 3 4 5 6 7 8 9 10 11

Burndown Chart