

# Project start

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## A3.2 Classroom challenge

Start phase of the SCRUM framework for the case study.



### 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 **A3.2\_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 work team and start preparing the following requests:
  - ☒ 1.1 Create scrum board with the columns Backlog, Story, To-do, Doing, Review, Done.
  - ☒ 1.2 Develop product backlog Epics.
  - ☒ 1.3 Develop user stories for each epic.
  - ☒ 1.4 Place each epic and user story within the scrum board.
  - ☒ 1.5 Prioritize and estimate each user story using a tool.
2. Present this information during the planning meeting, making use of visual and graphic tools, which can be through any online platform.
3. Place in this section evidence that shows that you came together to develop the activity as a team.

# Product Backlog Scrum

| Backlog del producto |                           |
|----------------------|---------------------------|
| Project's name:      | Dream Knowledge           |
| Product Owner:       | Leonardo Enríquez Álvarez |

| EPIC     |                  |              |  |   | USER STORY   |           |                 |              |  | OTHER USER HISTORY DATA  |  |  |            |                |          |  |           |
|----------|------------------|--------------|--|---|--|-----------|-----------------|--------------|--|--|--|--|------------|----------------|----------|--|-----------|
| ID E pic | Name             | As (R ol)    | Desire   | For   | Priori ty  | Est imate | ID Us er Sto ry | As (Ro l)    | Want                                     | So That  | Accept ance Criteria   | Priori ty  | Es ti mate | Depe n dencies | S pr int | Status   | Com ments |
| DK-01    | Create the login | User / Admin | Be able to use my credentials and log into the system, so that only people from the company can access the knowledge base. | Facilitate the process of entering the platform and guarantee security. | <div><input type="checkbox"/> Very high</div> <div><input checked="" type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 13        | HU-01           | User / Admin | Implement user credential validation     | Only people from the company can access the knowledge base.  | <ul style="list-style-type: none"><li>The correct validation of the user.</li><li>If the credentials are valid, proceed to the dashboard screen.</li><li>In case of not being validated, display a message indicating if you forgot your password or if you want to change it.</li></ul>   | <div><input type="checkbox"/> Very high</div> <div><input checked="" type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 5          | None           | 1        | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Review</div> <div><input type="checkbox"/> Complete</div>    |           |
|          |                  |              |  |   |  |           | HU-02           | User / Admin | A specified number of attempts to log in | I feel that my information is protected by having a security method to prevent access to unauthorized users. | <ul style="list-style-type: none"><li>If the username exists, show a warning after 5 unsuccessful attempts, after 7 unsuccessful attempts to login with an incorrect password, the system will lock the account and display an alert containing the following text "Account locked, contact your administrator".</li><li>If the username does not exist, allow the user to try to log in indefinitely.</li></ul> | <div><input type="checkbox"/> Very high</div> <div><input type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input checked="" type="checkbox"/> Low</div> | 3          | HU-01          | 1        | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |           |

|       |                           |              |  |   |  |    |       |              |   |   |  |  |   |                |   |  |  |
|-------|---------------------------|--------------|--|---|--|----|-------|--------------|---|---|--|--|---|----------------|---|--|--|
|       |                           |              |  |   |  |    | HU-03 | User / Admin | Close my session if I am inactive for a certain time          | The company won't waste server resources  | <ul style="list-style-type: none"><li>After 1 hour without activity, the system must close the user's session, an alert will be displayed indicating that it will be closed</li></ul>  | <div><input type="checkbox"/> Very high</div> <div><input type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input checked="" type="checkbox"/> Low</div> | 3 | None           | 1 | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |  |
|       |                           |              |  |   |  |    | HU-04 | User / Admin | To be able to Reset my password in case of not remembering it | I can recover access to my account  | <ul style="list-style-type: none"><li>The password has to be within some rules for the password creation stipulation.</li><li>The password has to be different than the previous one.</li><li>Inside the recovery window it will give you some tips to be able to generate a password.</li></ul>   | <div><input type="checkbox"/> Very high</div> <div><input checked="" type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 5 | None           | 1 | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |  |
|       |                           |              |  |   |  |    | HU-05 | User / Admin | A pleasant and simple login screen for the application        | I can easily identify where to enter my account information and know what I'm accessing to.     | <ul style="list-style-type: none"><li>It must have the characteristic colors of the company.</li><li>The company logo must be implemented.</li><li>The letters should be easy to read.</li></ul>   | <div><input type="checkbox"/> Very high</div> <div><input type="checkbox"/> High</div> <div><input checked="" type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 8 | None           | 1 | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |  |
| DK-02 | Create the user dashboard | User / Admin | Have a panel where you can access the application tools. | Have quick access to available options and relevant topics. | <div><input type="checkbox"/> Very high</div> <div><input checked="" type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 20 | HU-06 | User / Admin | A search bar in the navigation bar.                           | I have an option always available to search topics.   | <ul style="list-style-type: none"><li>It must have a text box where the user will place what they want to search for and a search button.</li><li>It should show the publications that match what is entered in the text box after clicking the button.</li><li>The search will be done on the titles of the topics and the tags they contain.</li></ul> | <div><input type="checkbox"/> Very High</div> <div><input type="checkbox"/> High</div> <div><input checked="" type="checkbox"/> Medium</div> <div><input type="checkbox"/> Low</div> | 5 | HU-10<br>HU-12 |   | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |  |
|       |                           |              |  |   |  |    | HU-07 | User / Admin | A section where the user's options are shown                  | I can access my profile and have the possibility to configure it, as well as exit the platform. | <ul style="list-style-type: none"><li>Show my account settings.</li><li>Show if we want to activate a nickname to use in the application.</li><li>Display the option to go to the user's profile.</li></ul>  | <div><input type="checkbox"/> Very high</div> <div><input type="checkbox"/> High</div> <div><input type="checkbox"/> Medium</div> <div><input checked="" type="checkbox"/> Low</div> | 5 | None           |   | <div><input checked="" type="checkbox"/> To do</div> <div><input type="checkbox"/> In Process</div> <div><input type="checkbox"/> Reviewing</div> <div><input type="checkbox"/> Complete</div> |  |

|       |                                    |      |  |  |   |       |              |                                |  |  |   |   |       |  |   |  |
|-------|------------------------------------|------|--|--|---|-------|--------------|--------------------------------|--|--|---|---|-------|--|---|--|
|       |                                    |      |  |  |   | HU-08 | User / Admin | A section of written topics    | I can quickly find and access the topics I have posted.                              | Show a list with the topics that the user has published.<br><br>That the topics are accessible through the section.<br><br>You will be allowed to see up to 25 topics per page.<br><br>That the evaluation that each topic has received is shown.                                    | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 8 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|       |                                    |      |  |  |   | HU-09 | User / Admin | A section of concurrent topics | I can find the topics that may be of interest to me                                  | In this section you will see the topics that have been seen the most in the last month, as well as those that have been best valued.<br><br>You will be allowed to see up to 25 topics per page.<br><br>You can select what you want to see, if the most visited or the best valued. | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 5 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
| DK-03 | Posting topics with optional files | User | As a user I want to create topics that you can upload files to, and if necessary edit the topic later. | To share my knowledge in the application with my colleagues. | <input checked="" type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 20    | HU-10        | User / Admin                   | A template to write topics   | The writing time is reduced and to maintain a standard format.<br><br>When entering the create topic screen, it will only ask for the title, tags, description and attachments.  | <input checked="" type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 5 | None  |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|       |                                    |      |  |  |   | HU-11 | User / Admin | To add files                   | I can complement my topic with visual and auditory material.                         | When creating a topic, the following formats should be allowed:<br><br><ul style="list-style-type: none"> <li>• Pictures: PNG and JPEG</li> <li>• Document : PDF</li> <li>• Video: mp4</li> <li>• Audio: mp3</li> </ul>  | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 8 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|       |                                    |      |  |  |   | HU-12 | User / Admin | To add Tags                    | I can search for topics based on tags added to them                                  | When creating a topic, tags must be added to categorize.   | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 2 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|       |                                    |      |  |  |   | HU-13 | User / Admin | To edit my posted topics       | I am able to make corrections or updates in case of finding a more optimal solution. | The topics created by the user on the platform will be displayed and there will be an option to edit them.   | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 8 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|       |                                    |      |  |  |   | HU-14 | User / Admin | To delete my posted topics.    | In case the solution becomes obsolete, it can be removed from the system.            | The topics created by the user on the platform will be displayed and there will be an option to delete them.   | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 5 | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |

|      |                     |       |  |  |   |    |       |              |  |  |   |   |    |       |  |   |  |
|------|---------------------|-------|--|--|---|----|-------|--------------|--|--|---|---|----|-------|--|---|--|
| DK-4 | Search System       | User  | As a user / administrator I want the application to have a robust search system for topics.                              | To be able to find the topics that are relevant to me at the moment.         | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 20 | HU-15 | User / Admin | To search topics   | Get solutions to a problem I want to solve.  | Searches made by means of tags or keywords to minimize the results to only the most relevant ones.  | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 8  | None  |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
| DK-5 | Rating and comments | Admin | As a user / administrator I want to be able to comment and rate all the publications I visit.                            | Give feedback to the topics posted by other users.                           | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 5  | HU-16 | User / Admin | A space to comment about topics, possible solutions, etc.  | I am able to discuss about the topics  | <ul style="list-style-type: none"> <li>If the user is not registered, they will not be able to comment.</li> <li>If the comment fields are not filled, it will not let you save and therefore it will display a message.</li> </ul> | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 8  | HU-10 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|      |                     |       |  |  |   |    | HU-17 | User / Admin | A rating system for comments                               | A sense of relevance is given to the most important comments within topics.        | <ul style="list-style-type: none"> <li>Comments can be valued</li> </ul>  | <input type="checkbox"/> Very High<br><input type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input checked="" type="checkbox"/> Low | 5  | HU-16 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
| DK-6 | Data analytics      | Admin | As an administrator I want to see the statistics of the topics posted in the application (visits, ratings and comments). | To see trends emerging within the company and to print changes if necessary. | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 13 | HU-18 | User / Admin | To see comments posted on topics.                          | I can read other user's opinions, since they can propose other types of solutions. | Topics have a section for users to write what they think about the topic.   | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input checked="" type="checkbox"/> Low | 5  | HU-16 |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|      |                     |       |  |  |   |    | HU-19 | Admin        | To see statistics of the best rated or most visited topics | I can see which topics are popular and which have the most visits.                 | In the main screen the most visited topics are shown in the form of a leaderboard.<br><br>Next to the table of most visited topics, the top rated topics are shown.   | <input type="checkbox"/> Very high<br><input type="checkbox"/> High<br><input checked="" type="checkbox"/> Medium<br><input type="checkbox"/> Low | 13 | None  |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
| DK-7 | Admin tools         | Admin | As an administrator I want to have tools to manage user accounts and posted topics.                                      | To have better control over the platform and its contents.                   | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 20 | HU-20 | Admin        | User control tools   | I can manage the system's users.   | The administrator can change user data within the control panel.  | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 13 | None  |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |
|      |                     |       |  |  |   |    | HU-21 | Admin        | Control over posted topics                                 | To be able to have a control over the topics in the system.                        | Being able to change the labels or names of the topics if necessary.  | <input type="checkbox"/> Very high<br><input checked="" type="checkbox"/> High<br><input type="checkbox"/> Medium<br><input type="checkbox"/> Low | 13 | None  |  | <input checked="" type="checkbox"/> To do<br><input type="checkbox"/> In Process<br><input type="checkbox"/> Reviewing<br><input type="checkbox"/> Complete |  |

[illegible]

Meet - udx-fjgm-hgn x PlanITpoker: Room - [DreamTeam] x Editor - Product Backlog Scrum x PlanITpoker: Online Scrum planning x SCA\_1002SC88 Admon redes16 x (1) Facebook x

planitpoker.com/board/#/room/A26ea5a6d79c4186a058344e8f389fdd

planIT poker

Edy

### DreamTeam

Yo como administrador quiere tener herramientas de control de usuarios y de tópicos publicados.

4 Players voted  
Avg: 15.3

- 8 (25 % (1 player))
- 13 (25 % (1 player))
- 20 (50 % (2 players))

Active Stories 1 Completed Stories 7 All Stories 7

Story voting completed

Players: 00:01:11

- HECTOR ARMANDO ... 20 (00:01:04)
- Edy 20 (00:01:00)
- Riggel 8 (00:00:06)
- Cristhian Moral... 13 (00:00:04)

Invite a teammate

Need help with the project?

Adding developers to your team is easy with CodeFirst

Find out more

Story estimate was saved.

Watch | Facebook x PlanITpoker: Room - [DreamTeam] x Meet - utq-wmua-ode x Editor - Product Backlog Scrum x A3.2\_Startphase\_and\_you x

planitpoker.com/board/?fbclid=IwAR3zwfOBx2cl1-p15AlyzcYL2cM6V3OqXB-ZqEMYSzQaD5cgigGnG9WUkUo#/room/f5533695ade24ad785f47faba604e6a6

| TITLE:   | EST.: | TIME.:   |
|--|-------|----------|
| Borrar tópicos creados                                 | 5     | 00:00:12 |
| Editar tópicos creados                                 | 8     | 00:00:16 |
| Añadir etiquetas                                       | 2     | 00:00:13 |
| Agregar archivos                                       | 8     | 00:00:16 |
| Plantilla para redactar tópicos                        | 5     | 00:00:16 |
| Un apartado de tópicos concurrentes                    | 5     | 00:00:13 |
| Un apartado de tópicos redactados                      | 8     | 00:00:15 |
| Un apartado donde se muestren las opciones del usuario | 5     | 00:00:42 |
| Una barra de búsqueda                                  | 5     | 00:00:23 |
| Un login agradable y sencillo para la aplicación       | 8     | 00:00:23 |

Find out more

02:07 p.m. 6/10/2021

## Conclusions

### Cota Villa Edy Jesús Manuel

In this activity we develop one of the vital tools for the Scrum methodology, which is the backlog, where, based on epics derived from several stories, these stories are derived from the epics and we explain in more detail the functionalities that the product should have, with the acceptance criteria that is used to be mark as completed and together with an assessment that is carried out as a team and that is vital to determine the weights that sprints should have, in general I found this activity very good.

### Jaramillo Regino Hector Armando

In this activity we made a consolidation with respect to the requirements, from which we took the epics and user stories, I found this activity quite interactive since we made use of various tools such as planIt poker with which we made the estimation and we determined the priority of the epics as well as the user stories, having a template with the information that the activity required made it easier to do it.

### Dehesa Zazueta Riggel Alioth

The product backlog is a great tool for work definition, it helps to divide the development process in understandable modules and each one having more defined tasks, making the process a lot simpler than traditional requirement definition, it also helps to make the project more flexible with its requirements and goals.

### Morales Arismendi Cristhian Antonio

The Scrum methodology taught me to break down a project into very small parts, assigning roles and estimated times to the activities to be able to develop it. However, having a motivated team is not the only key to the success of a Scrum project. Without product vision, nothing can be developed. The next chapter will immerse you in the role of the Product Owner and explain how to build and order the Product Backlog.



## Rubric

| Criteria      | Description  | Score |
|---------------|--|-------|
| Instructions  | Each of the points indicated in the section "The company complies with each one of the following points Instructions?" | 10    |
| Development   | Each of the points requested in the development of the activity was answered?  | 60    |
| Demonstration | The student introduces himself during the explanation of the functionality of the activity?                            | 20    |
| Conclusions   | A personal opinion of the activity is included for each team member?   | 10    |



## Links

### Cota Villa Edy Jesús Manuel



## Repository



### **Jaramillo Regino Hector Armando**



[Repository](#)

### **Dehesa Zazueta Riggel Alioth**



[Repository](#)

### **Morales Arismendi Cristhian Antonio**



[Repository](#)