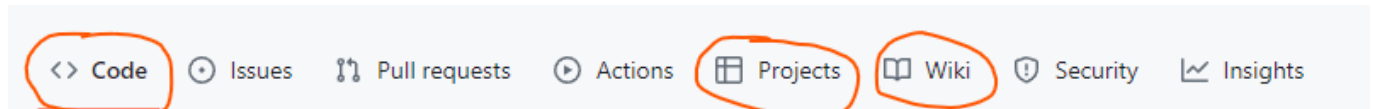


Project management with GitHub

Introduction:

We will use GitHub as a tool to plan and track requirements (*Projects menu*). We will also store project code (*Code menu*) and documentation (*Wiki menu*).

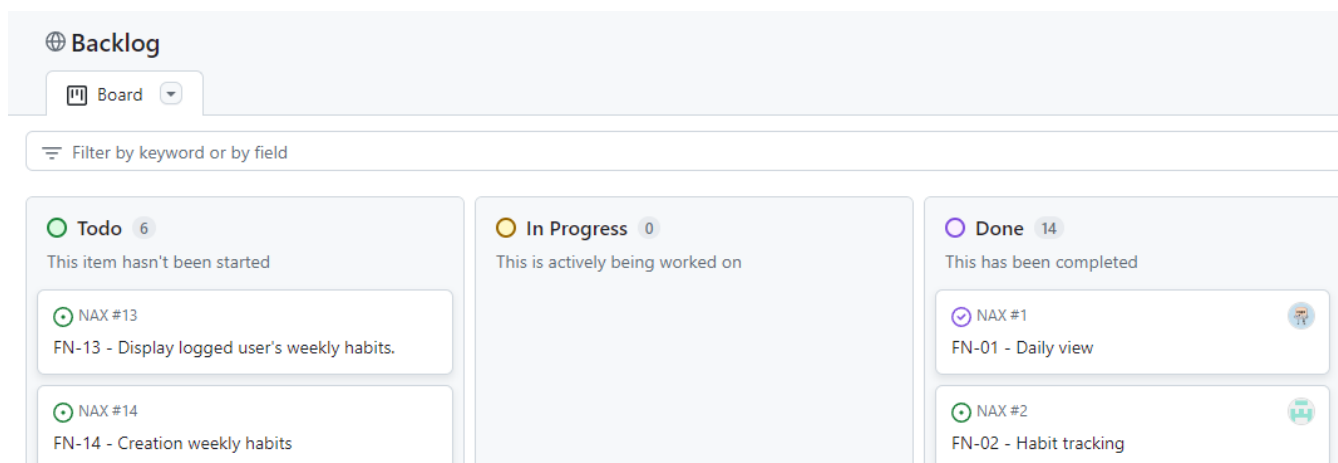


The code should be accompanied by explicit descriptions of the changes made by each team member. In addition, a README should be included with instructions on how to execute the project, for example:

Installation

1. Clone the repository.
2. [Create and activate a virtual environment](#) (optional, but strongly recommended).
3. Install dependencies with `pip install -r requirements.txt`
4. Set your OpenAI API key as an environment variable with `export OPENAI_API_KEY=your_api_key_here`
5. Apply migrations with `python manage.py migrate`
6. Create a superuser with `python manage.py createsuperuser`
7. Run `python manage.py runserver`
8. Access `localhost:8000` from a modern web browser.

All requirements shall be recorded in the Backlog and their status shall be updated according to progress. Each requirement must have its description, the person responsible for its fulfillment and the iteration in which it will be developed, for example:



The Wiki should be organized by sections: deliverables, meetings (weekly and retrospective) and class activities. Each deliverable, meeting or activity should be recorded on a Wiki sheet. Each meeting should be identified with its date of completion, for example:

Deliverables

1. [Deliverable 1: Project definition and Software Requirements Specification](#)
2. [Deliverable 2: Solution design and Functionality preview](#)
3. [Deliverable 3: MVP](#)
4. [Deliverable 4: MVP + Documentation](#)

Reports

1. Weekly meetings
 - i. [Weekly 1: 2024-01-30](#)
 - ii. [Weekly 2: 2024-02-07](#)
 - iii. [Weekly 3: 2024-02-12](#)
 - iv. [Weekly 4: 2024-02-22](#)
 - v. [Weekly 5: 2024-02-27](#)
 - vi. [Weekly 6: 2024-03-05](#)
 - vii. [Weekly 7: 2024-03-11](#)
 - viii. [Weekly 8: 2024-03-19](#)
 - ix. [Weekly 9: 2024-04-04](#)
 - x. [Weekly 10: 2024-04-11](#)
 - xi. [Weekly 11: 2024-04-16](#)
 - xii. [Weekly 12: 2024-04-23](#)
 - xiii. [Weekly 13: 2024-05-02](#)
 - xiv. [Weekly 14: 2024-05-07](#)
 - xv. [Weekly 15: 2024-05-14](#)
2. Retrospective
 - i. [Retrospective 1](#)
 - ii. [Retrospective 2](#)
 - iii. [Retrospective 3](#)
 - iv. [Retrospective 4](#)

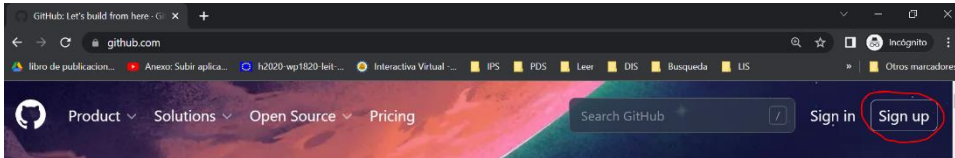
Activities

1. [Team members](#)
2. [Product vision board](#)
3. [Information Gathering](#)
4. [Project References](#)
5. [Functional Requirements](#)
6. [Domain Model](#)
7. [Elevator Pitch](#)
8. [High Level Diagram](#)
9. [UI Kit Activity](#)

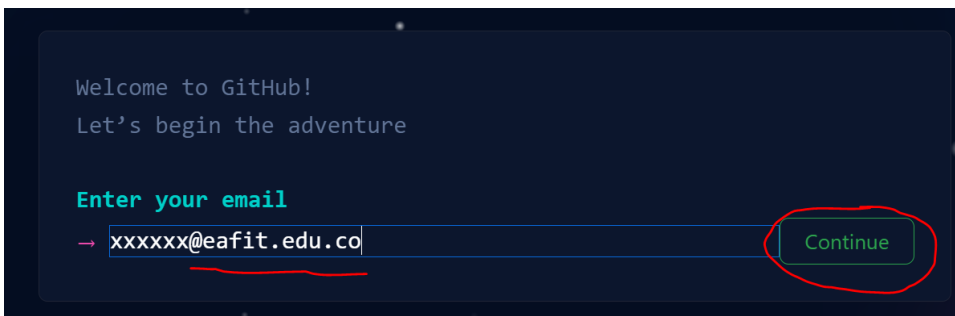
Project creation:

1. Each team member must create an account on GitHub.

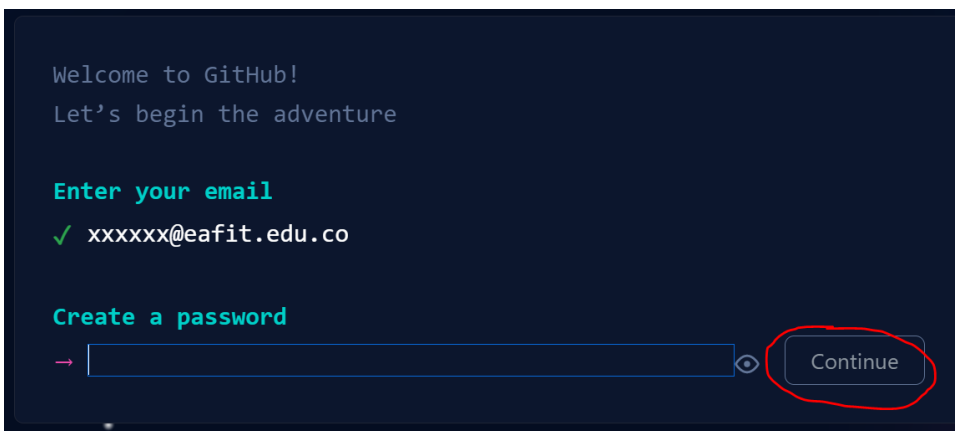
Go to the website <https://github.com/>, then click on the **Sign up** button.



Enter the EAFIT email address, then press the **Continue** button.



Enter a password, then press the **Continue** button.



Follow the account verification instructions. Select the **Free** (\$0) plan.

Repository creation:

2. One of the team members must create a repository.

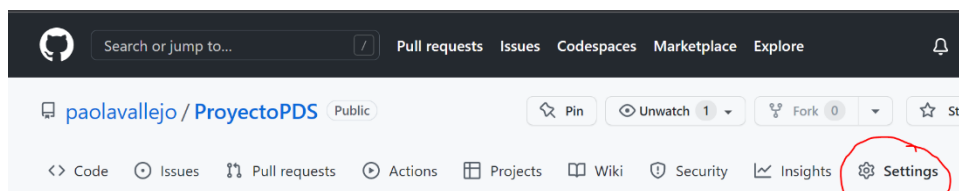
Go to the website <https://github.com/new>.

Assign a name to the repository (use project or product name), add a description, indicate that it is **Public**, then press the **Create repository** button.

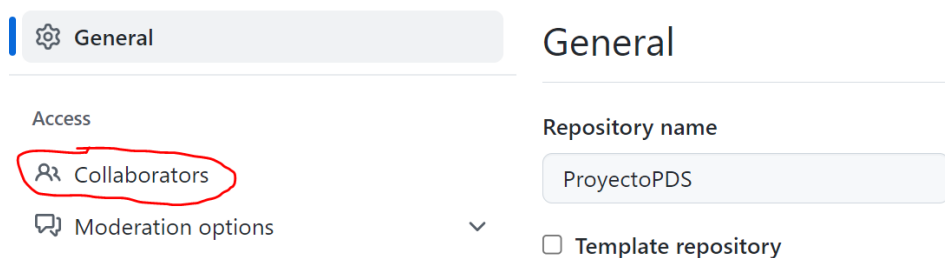
Create repository

3. The team member who created the repository must invite the other team members.

Enter the **Settings** option.

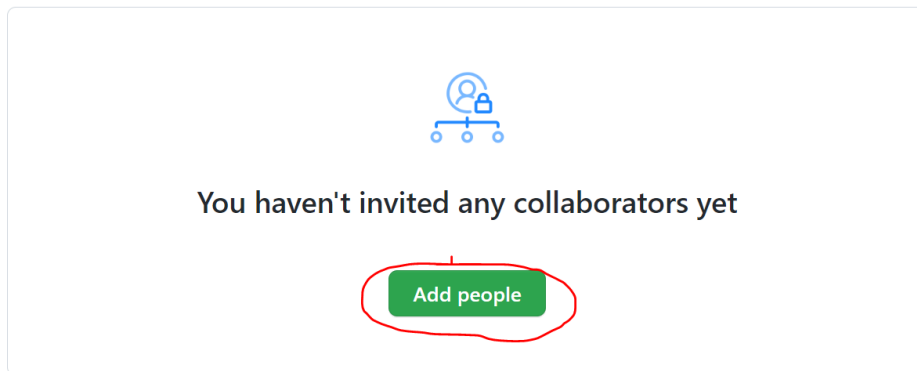


Select the **Collaborators** option.

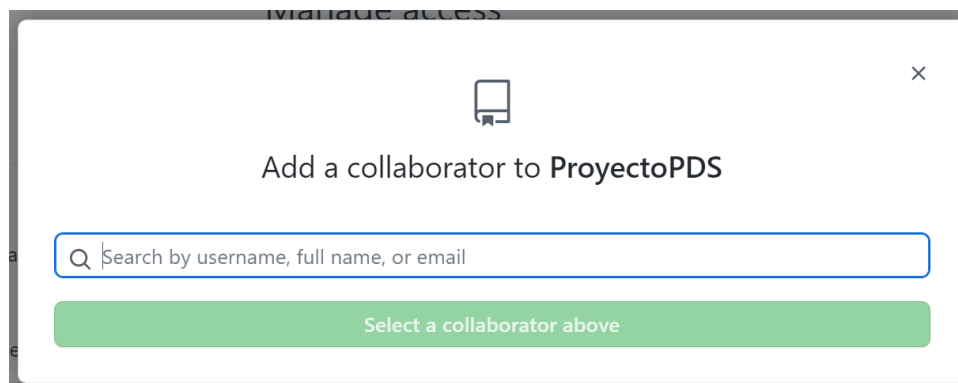


Select the **Add people** option.

Manage access



Search for a team member by username, full name or email. Then select the option **Select a collaborator above**. Finally, **Add X** (where X is the name of the collaborator to add) **to this repository**. Do this for each collaborator you want to add, including your professor.

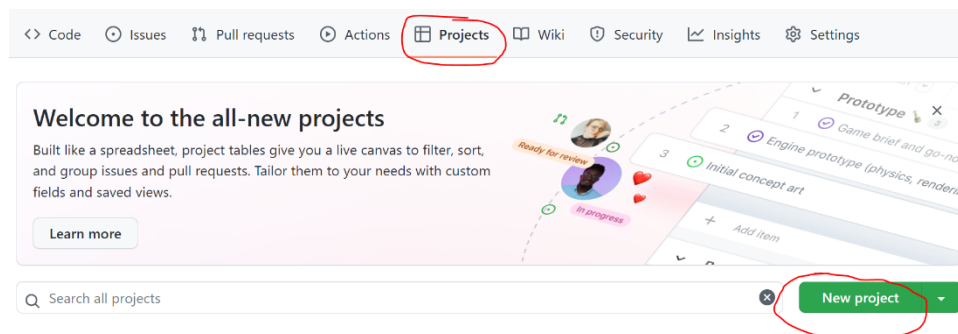


The invited collaborator will receive an e-mail with the instructions for joining the project.

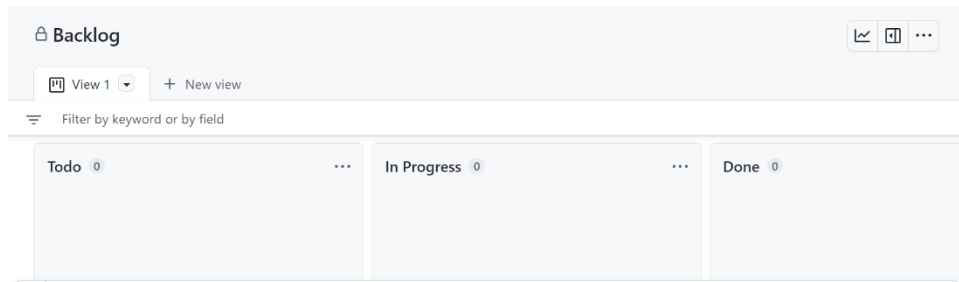
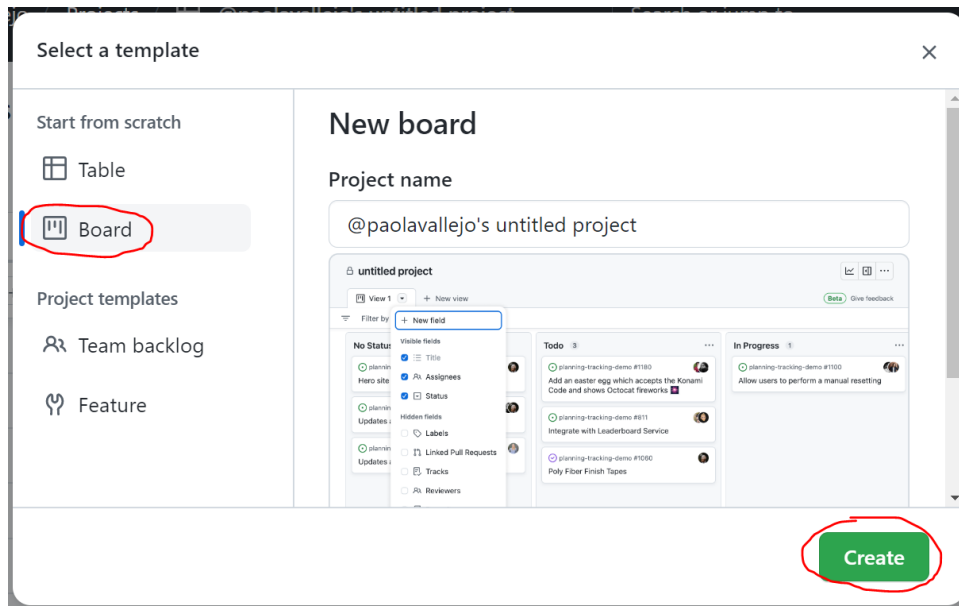
Backlog creation:

4. One of the team members creates a project.

Select the **Projects** option. Then, select the **New project** option.

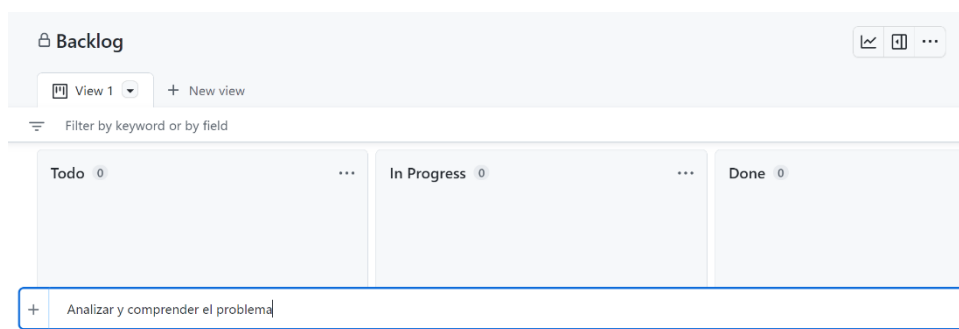


Select the **Board** option. Then, change the name of the project to **Backlog**. Finally, select the **Create** option.

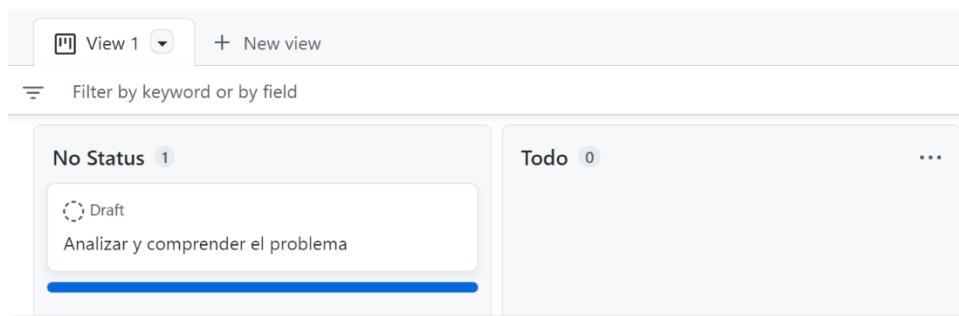


5. Team members add the tasks (requirements) that they will develop during the semester.

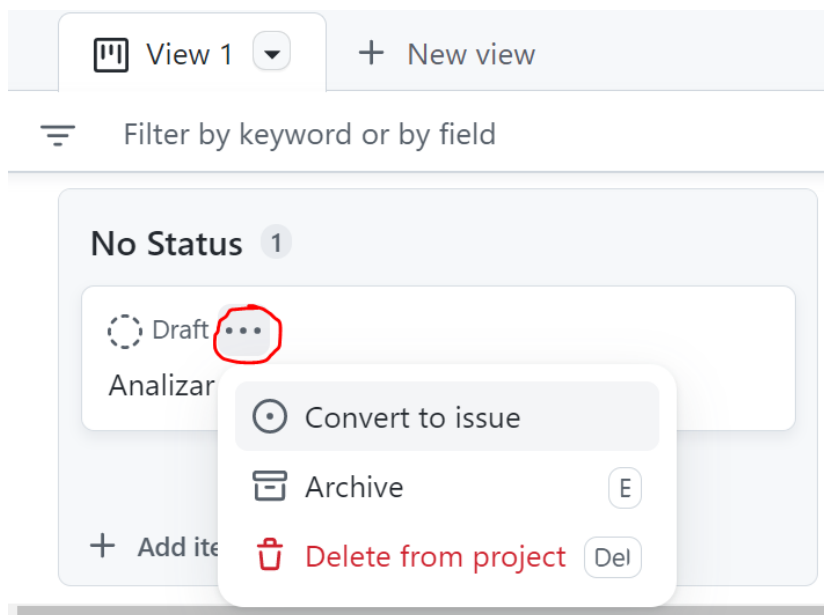
Add the name of the task and press the **Enter** key. This name must contain the unique identifier of the requirement and be concise to quickly recognize what the requirement is about.



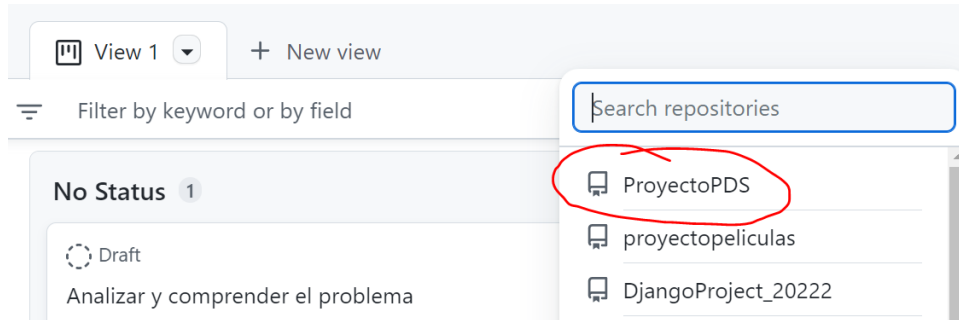
The task Will appear as **Draft (No Status)**.






Press the ... to the right of Draft. Then select the **Convert to issue** option.




Select the name of the repository you created in step "2. One of the team members must create a repository".




 **Backlog**

 View 1  + New view

 Filter by keyword or by field


No Status 1

 ProyectoPDS #1 ...
Analizar y comprender el problema

+ Add item

Drag the task to the **Todo** column.


Todo 1 ...

 ProyectoPDS #1
Analizar y comprender el problema

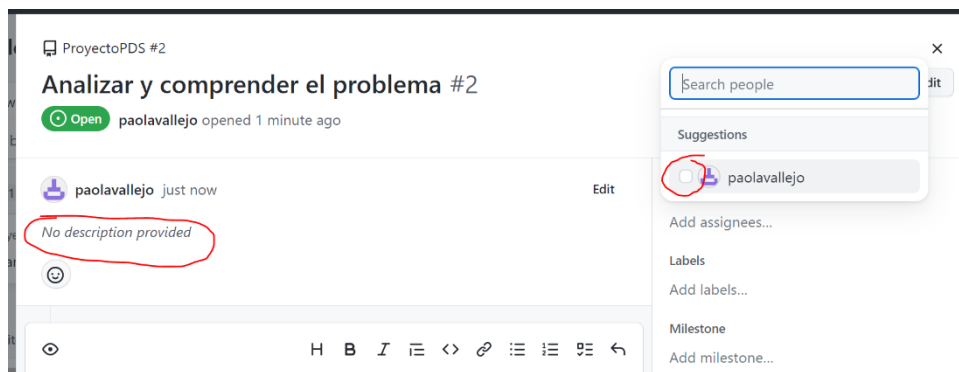
+ Add item

Select the task name to see more details.

Todo 1 ...

 ProyectoPDS #2 ...
[Analizar y comprender el problema](#)

Add a description to the task and select the name of the member responsible for working on the task. The description should follow the format seen in the requirements specification template.

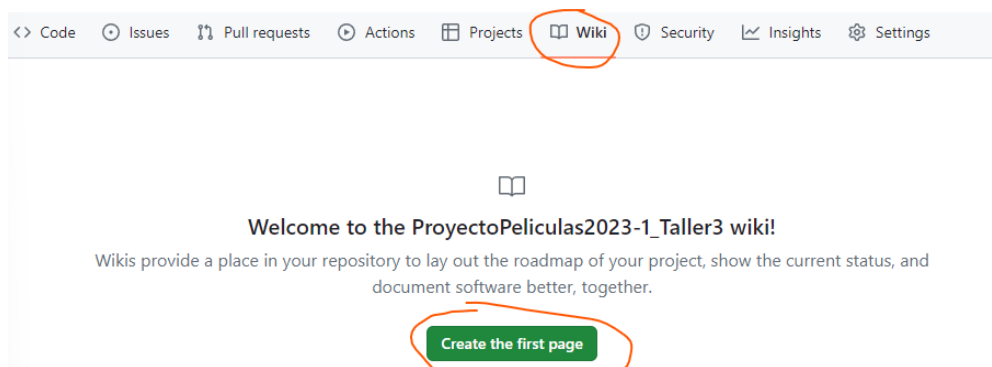


You should follow the same process for all project tasks.

Wiki creation:

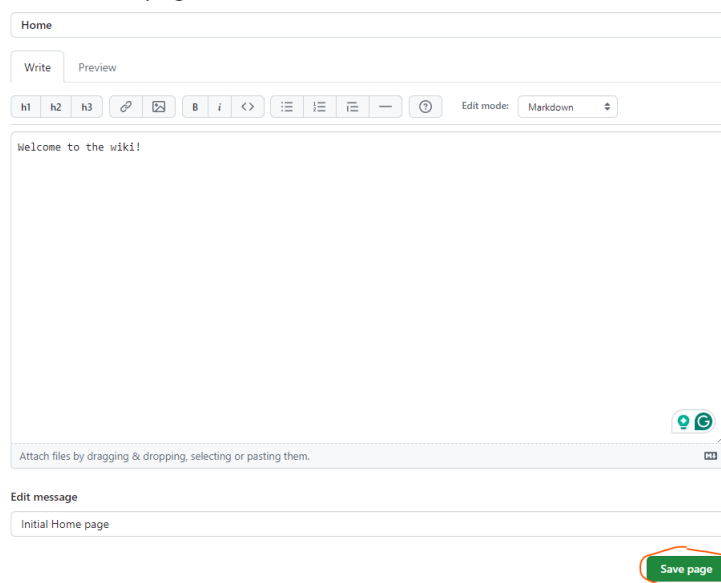
6. Team members create and edit the Wiki.

Go to the **Wiki** menu. Then, select the **Create the first page option**.



Edit and save the page.

Create new page



Visualize the page and edit it at any time.

Home

Edit

New page

paolavallejo edited this page in 1 minute · 1 revision

Welcome to the wiki!

+ Add a custom footer

▼ Pages 1

Find a page...

Home

The following link contains a more detailed tutorial for adding or editing a project wiki:

https://github.com/jdmartinev/ProyectoPI_wiki