

The background is a dark blue-grey color. It is decorated with various geometric shapes in teal and white. These include circles of different sizes, some with dotted patterns inside; hexagons, some solid teal and some white outlines; triangles; and lines. There are also several small teal dots scattered throughout. Two stylized palm trees are positioned on either side of the main text. Horizontal dotted lines are placed above and below the main title.

# Banana Gits Project

First Increment

# Team Members



Ángel Magaña García



Kevin Medina Padilla



Oswaldo Chan Uicab



Adiel Herrera Herrera



César Luna Tun





# About the Project



# Project Summary

Our project consists of improving the implementation of the Test Runner project in such a way that it is friendlier for the first semester students of the UADY Faculty of Mathematics, specifically those belonging to the degree in Software Engineering who are studying the subject of structured programming.



# Importance

Help students without knowledge in Git and GitHub to use the Test Runner tool, allowing them a more friendly work environment to their previous knowledge.



# Primary Users:

The students and teachers belonging to  
the structured programming group of  
Dr. Edgar Cambranes



# Potential Users:

The students and teachers of all structured  
programming groups belonging to the UADY  
Software Engineering Degree.



# Requirements



01.

## Login

The system will be able to identify the students in order to monitor their exercises.

02.

## Download exercise folder

The system will allow the student to download the exercises assigned by the teacher.



03.

## Evaluate exercises button

The system will auto-evaluate the exercise and display the result of the exercise at the push of a button.

04.

## Send exercise button

The system will send the exercise and its information (date, number of attempts) at the push of a button.

05.

## Store exercise information

The system is able to collect the exercises sent, as well as their date, number of attempts and the result of the self-assessment.

# Use Cases Specification

RF-0001	Login		
Version	11/10/2022		
Precondition	The student must have the extension installed and make use of it.		
Description	The program will be able to identify the students in order to monitor their exercises.		
Regular Sequence	Step	Action	
	1	The user enters to Visual Studio Code.	
	2	The system asks to login.	
	3	User enters email and password	
	4	The system validates the data	
	5	The system grants access	
Postcondition	The student enters the functions of the system.		
Exceptions	Step	Action	
	2	If the user does not have an account	
		E.1	The system asks for name, email, password and confirm password
	1 - 5	If you do not belong to the institution	
E.2		The use case is cancelled.	
Comments	None		

Login

RF-0002	Download exercise folder		
Version	10/10/2022		
Precondition	The exercises must be loaded in the program and the student registered in the system.		
Description	The student will be able to download the exercises assigned by the teacher.		
Regular Sequence	Step	Action	
	1	The user triggers the button for download the exercises.	
	2	Exercises are displayed on the user interface	
Postcondition	Exercises are reflected in the student interface		
Exceptions	Step	Action	
	3	Re-download the exercises.	
		E.1	If this happens, it will not be displayed on the interface.
Comments	None		

Download  
exercise folder





# Use Cases Specification

RF-0003	Evaluate exercises button		
Version	12/10/2022		
Precondition	The student must have modified the exercise solution file.		
Description	The program will auto-evaluate the exercise and display the result of the exercise the push of a button.		
Regular Sequence	Step	Action	
	1	The student presses the button.	
	2	The system calls the function Test Runner.	
	3	The system self-assesses the exercise.	
	4	The system displays the result.	
Postcondition	The student obtains the result of the self-assessment		
Exceptions	Step	Action	
	2	If the solution file is not found	
		E.1	The student is told that the file is missing, and the use case is canceled
	2 - 4	If you have a wrong name	
		E.2	The student is told that the file should be name "Solution" and the use case is aborted.
Comments	None		

Evaluate  
exercises button

RF-0004	Send exercise button		
Version	12/10/2022		
Precondition	The student must have done and evaluated the exercise at least once.		
Description	The program will send the exercise and its information (date, number of attempts) at the push of a button.		
Regular Sequence	Step	Action	
	1	The student presses the button.	
	2	The system asks for a confirmation.	
	3	The student confirms.	
	4	The system validates the data.	
	5	The exercise is sent.	
Postcondition	The exercise and its information is sent and the data is saved.		
Exceptions	Step	Action	
	1	If the exercise has not been evaluated	
		E.1	The student is instructed to first evaluate the exercise and the use case is cancelled.
	1 - 5	If there is no internet connection	
E.2		It is indicated that a connection is needed to be able to send the exercise and the use case is cancelled.	
Comments	None		

Send exercise  
button



# Use Cases Specification

RF-0005	Store exercise information		
Version	10/10/2022		
Precondition	The exercise must have been sent.		
Description	The system is able to collect the exercises sent, as well as their date, number of attempts and the result of the self-assessment.		
Regular Sequence	Step	Action	
	1	The user answers the exercise.	
	2	The system records the time, how many attempts you have made and your result.	
	3	The user submits his exercise.	
	4	The system indicates that it was sent successfully	
Postcondition	The exercise is received in the program database		
Exceptions	Step	Action	
	2	In case of Resend	
		E.1	In case it has not been sent successfully, it is stored again on a server
Comments	None		

Store exercise information

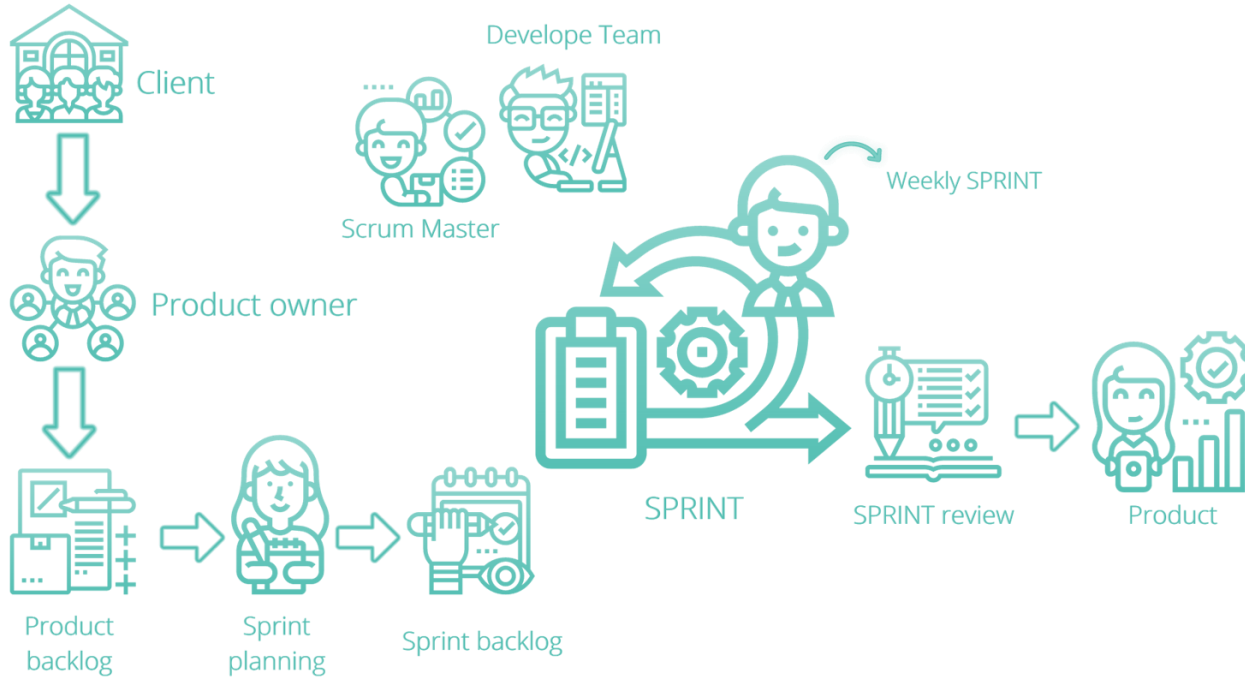


# Our work process





## Work Process



# Task Assignment



## Team Tasks - First Increment

Board · By Status Board · By Assignee Assigned to Me All Tasks Calendar +

Filter Sort

Backlog 2

Preguntar cómo se administrará la parte del maestro

Estándar de codificación

adlenherrer75@gmail.com

Kevin Medina

Low

+ New

To Do 2

Eliminar todo lo referente a la vista del profesor

José Angel Magaña García

Kevin Medina

cesarluna200115@outlook.com

Actualizar las modificaciones en el repositorio

José Angel Magaña García

Kevin Medina Oswaldo Chan

cesarluna200115@outlook.com

adlenherrer75@gmail.com

Medium

+ New

In Progress 2

Realizar presentación

José Angel Magaña García

Kevin Medina

cesarluna200115@outlook.com

High

Realizar el video

José Angel Magaña García

High

+ New

Done 10

Definir roles

José Angel Magaña García

Kevin Medina

Hacer la branch de la primera entrega

José Angel Magaña García

Kevin Medina Oswaldo Chan

adlenherrer75@gmail.com

cesarluna200115@outlook.com

Descripción del proyecto y Objetivos

Kevin Medina

cesarluna200115@outlook.com

High

Realizar Guión

José Angel Magaña García

Kevin Medina

High



# Meeting Tracking

☰ 8 lines (5 sloc) | 163 Bytes



Raw

Blame



## Subject: Review of requirements

The first review of the functional requirements was carried out

## Pending:

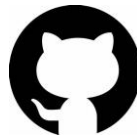
- Make the use cases
- Fix ambiguous requirements



## Contribution Tracker

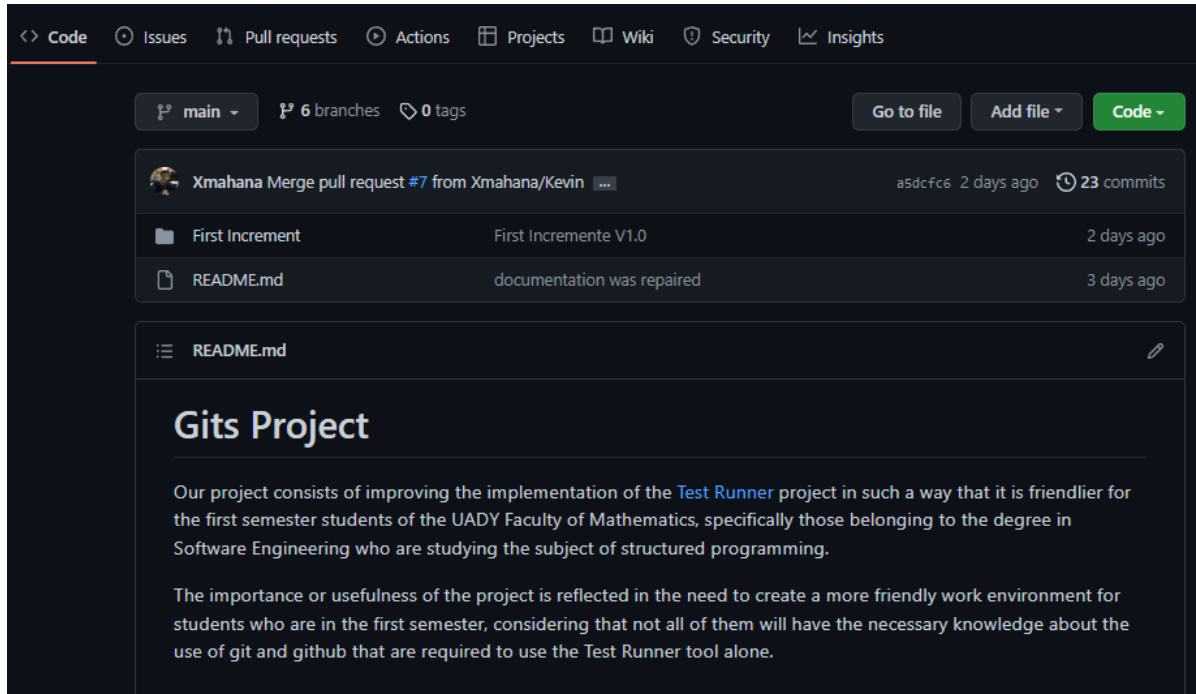
	Meetings	Assigned Tasks	Completed Tasks	Final contribution
Ángel Magaña	6	11	11	20%
Kevin Medina	7	12	12	20%
Oswaldo Chan	6	10	10	20%
Adiel Herrera	6	8	8	20%
César Luna	6	4	4	20%

# Technologies Used





# Our Repository



The screenshot shows a GitHub repository interface. At the top, there's a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, and Insights. Below this, the repository name 'Xmahana' is visible, along with a dropdown for 'main' branch, '6 branches', and '0 tags'. There are buttons for 'Go to file', 'Add file', and 'Code'. A recent commit by 'Xmahana' is shown, merging pull request #7 from 'Xmahana/Kevin', with commit hash 'a5dcfc6' and '23 commits' 2 days ago. Below the commit, a table lists files: 'First Increment' (2 days ago) and 'README.md' (3 days ago). The 'README.md' file is selected, showing its content. The title 'Gits Project' is followed by a description: 'Our project consists of improving the implementation of the Test Runner project in such a way that it is friendlier for the first semester students of the UADY Faculty of Mathematics, specifically those belonging to the degree in Software Engineering who are studying the subject of structured programming.' Another paragraph states: 'The importance or usefulness of the project is reflected in the need to create a more friendly work environment for students who are in the first semester, considering that not all of them will have the necessary knowledge about the use of git and github that are required to use the Test Runner tool alone.'

File	Commit	Time
First Increment	First Incremente V1.0	2 days ago
README.md	documentation was repaired	3 days ago

README.md

## Gits Project

Our project consists of improving the implementation of the [Test Runner](#) project in such a way that it is friendlier for the first semester students of the UADY Faculty of Mathematics, specifically those belonging to the degree in Software Engineering who are studying the subject of structured programming.

The importance or usefulness of the project is reflected in the need to create a more friendly work environment for students who are in the first semester, considering that not all of them will have the necessary knowledge about the use of git and github that are required to use the Test Runner tool alone.

[Click here to go our repository](#)



# Thanks!

