Introduction:

In this project we are going to make a console application that can to simulate the basics operations in a aqueduct, for example: the all CRUD with the users that have a aqueduct by class, invoice inventory, users who consume more water in the aqueduct, users who pay more for water.

On the other hand console application is going to allow that administrator can to make a request for a new water meter and update, delete readings water meters that created by inspectors and also charge for water consumed.

Justification:

Through the years the human has been responsible for creating a new tool called technology that let us to develop with more efficient and this because nowadays we live in world where all things need more security and more optimization for to get a good job in our task and also is good to know about this tool, because now technology is indispensable in any business.

The aqueduct software is an example, due to in the past time the administrator of an aqueduct hadn't information in time real about he had sold and less to have back up. Through of this problem in the aqueducts and with help of technology tool we decided to develop a basic software system that can to take the control about of operations in an aqueduct in real time.

Technology Stack:

In this project was used python language that is let us to develop the software and also was used the Git Hub repository for to save the code of console application. These technologies focus in pillars of the project.

Then we used differents aspects that have each mentioned technology for example: in python we worked with object class and in Git Hub with work with Git.

What is Python?

“Python is a general-purpose language, which means it can be used to build just about anything, which will be made easy with the right tools/libraries.

Professionally, Python is great for backend web development, data analysis, artificial intelligence, and scientific computing. Many developers have also used Python to build productivity tools, games, and desktop apps, so there are plenty of resources to help you learn how to do those as well”(PythonOrg).

What is Git Hub?

“GitHub is a Git repository hosting service, but it adds many of its own features. While Git is a command line tool, GitHub provides a Web-based graphical interface. It also provides access control and several collaboration features, such as a wikis and basic task management tools for every project. “(TCCruncOrg)