



UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO.

Team Gremlins

Compiler

ING. Norberto Jesús Ortigoza Márquez

Barrientos Veana Luis Mauricio.

González Pacheco Leonardo Alonso.

Martínez Matías Joan Eduardo.

Rosales Romero Ricardo.

Requirements

Team Members

In order to accomplish the goal of delivering the project requested by our client/sponsor Norberto Ortigoza Marquez we had to divide activities depending on the work roles assigned to each member of the team.

These roles are meant to speed up the workflow and simplify our tasks. The workplan can change because the different updates depending to the dates of presentation and show our advances with our client Norberto. Is mandatory to deliver this project on time so we can receive feedback for correcting our mistakes.

The members of the work team are:

Project Manager: Martínez Matías Joan Eduardo.

He is the person in charge of managing and organizing projects so that they turn out well and are successful, for this He must distribute the tasks among the members of her team according to the abilities and aptitudes of each one of them.

A project manager, has great responsibilities among which they specify to negotiate with clients, define the goals of that project or establish the time in which a project will be carried out.

System Tester: Rosales Romero Ricardo.

System testers test software. They follow the outline in the testing plan to test each option in the system and ensure it navigates to the appropriate place in the software or provides the correct result. When performing manual testing, system testers make notes so they can provide the exact method to duplicate a defect.

They also run the scripts they created for automated testing and review the automated testing results to identify bugs. After a bug has been fixed by a programmer, a system tester retests the bug and declares it fixed or sends it back to the programmer.

Architecture: Barrientos Veana Luis Mauricio.

The system architect role is vital to the successful definition, design, delivery, and support of any IT project. A system architect analyzes and recommends the right combination of IT components to achieve a specific business, department, team, or functional goal.

They objectively analyze desired processes and outcomes and advice on the right combination of IT systems and components to achieve those goals. System architecture is closely aligned with service design.

System Integrator: González Pacheco Leonardo Alonso.

A systems integrator (or system integrator) is a person or company that specializes in bringing together component subsystems into a whole and ensuring that those subsystems function together, a practice known as system integration. They also solve problems of automation. Systems integrators may work in many fields, but the term is generally used in the information technology (IT) field such as computer networking, the defense industry, the mass media, enterprise application integration, business process management or manual computer programming. Data quality issues are an important part of the work of systems integrators.

The tools that will be used to prepare the Project are the following:

Git and GitHub- It is a project management system that will help us to have a version control for compiler deliveries, changes and the modification of the Code; In this way we can return to specific points and measure the achievements or deficiencies obtained.

Elixir - Elixir is a dynamic, functional language designed for building scalable and maintainable applications.

Elixir leverages the Erlang VM, known for running low-latency, distributed and fault-tolerant systems, while also being successfully used in web development and the embedded software domain.

Working with this programming language will make the C compiler implementation easier; Because the paradigm used is functional, error detection and the way of working in blocks will help to make the complexity of the algorithm more efficient.

Discord- Discord is a proprietary freeware VoIP application and digital distribution platform designed for video gaming communities, that specializes in text, image, video and audio communication between users in a chat channel. Discord runs on Windows, macOS, Android, iOS, Linux, and in web browsers. As of 21 July 2019, there are over 250 million unique users of the software.

Bibliografía

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