



UNIVERSIDAD MODELO

School of Engineering

Engineering in technology and software development

Cloud Fundamentals

Ing. Alfredo Bolio Dominguez

" First Test"

Hanna Dominique Romero Solano

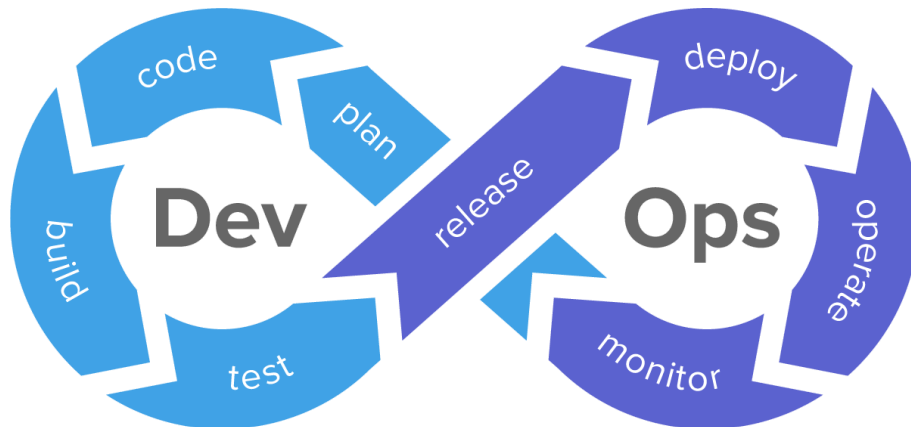
4th Semester

20/ 02 /2020

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What is devops?



DevOps is a methodology for creating software that is based on the integration between software developers and system administrators this helps to make software faster, with better quality and less expensive.

Daily Scrum

The daily scrum is a small meeting that is held every day (preferably in the morning) to be able to demonstrate the progress made and those that will be made during that day. Usually a daily scrum usually lasts a few minutes, as long as it does not exceed 15 minutes. You should clarify that the daily scrum should always be done in the same location and at the same time, so that it is taken as a habit among workers.

This daily meeting (daily scrum meeting) is not held in order to solve specific problems. If there are specific problems, they are treated externally to the daily scrum meeting, with the corresponding subgroup, just after this meeting.

During the daily scrum, each team member answers the following 3 questions:

What did you do yesterday?

What are you doing today?

Are there impediments to your path?

Scrum Biweekly

They will be held together every fortnight, these will be more elaborate in which you will see further the progress that has been made and the problems that have not yet been made solved, will serve us more as a checkpoint where we all learn about how the project is.

Sprint

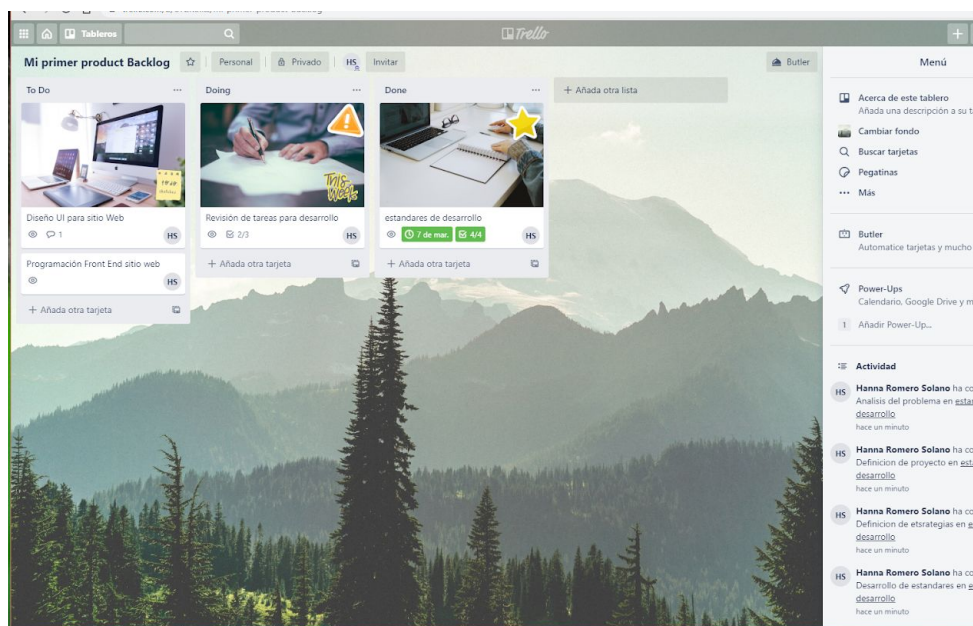
These are time cycles where goals are set to be made in order to have a prototype for testing purposes, it is recommended that they not last more than 3 weeks.

Every developer has a role, all developers must work on set to be able to have the deliverable in a timely manner, depending on the progress that the prototype has, we will be able to determine the times that are handled in each sprint, since

this allows us to know how our developers work and thus be able to assign them more or less Tasks.

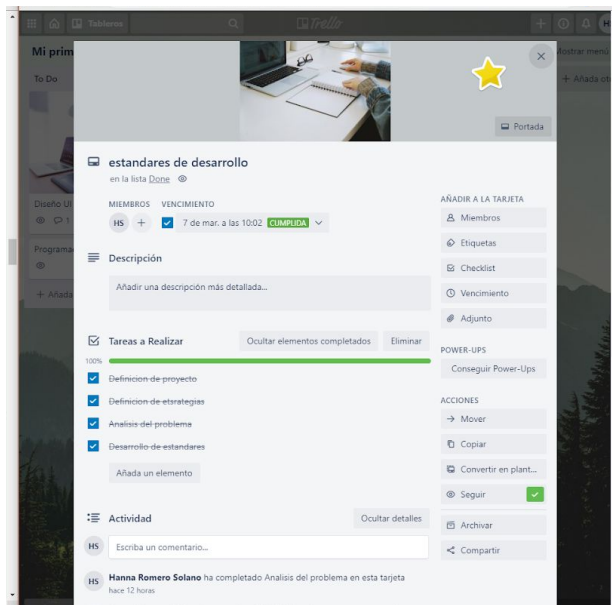
For the control of my sprints I will use trello, which is a platform that allows me to manage the changes and the tasks to be performed, members can be added, comments and even add tasks which are crossed out depending on whether they have been performed or not.

Here is an example of what the trello interface looks like:



This is a general sample of trello, what the backlogs look like. To create a task simply give the option to add card. In my case I put the sections of: To do (for the tasks to be performed), doing (for the ones in process) and done (for the finished ones), all this in order to have an order for the tasks and to be able to have control over homework

You can also put subtasks, which are the ones that are eliminated depending on what is being advanced. Below is an image of how it looks:



As you can see in the image, the subtasks of that card are made, so it is complete, in case a task has not been performed or you just have to make adjustments, the mark is removed and you go to the section of tasks in progress.

The following worker roles were assigned for this case:

- **Project planning:** Hanna Dominique Romero Solano
- **Database designer:** Hanna Dominique Romero Solano
- **Web programmer:** Hanna Dominique Romero Solano
- **Testing:** Hanna Dominique Romero Solano
- **Documentation:** Hanna Dominique Romero Solano
- **Feedback:** Hanna Dominique Romero Solano

Support tickets

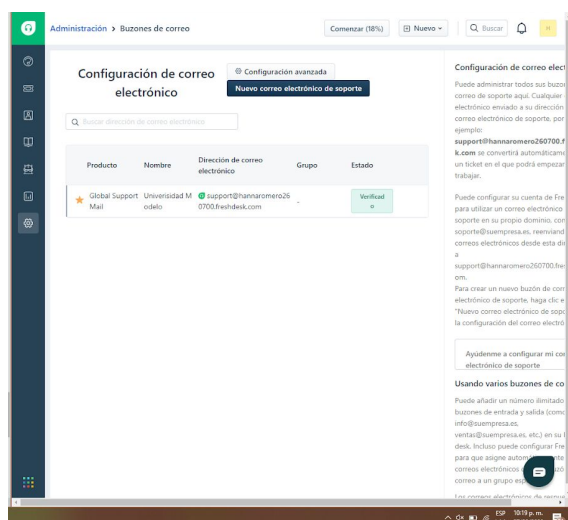
For ticket creation, FreshDesk was used, which is a tool for the support system in companies, makes it much easier when you want to filter the data or in the creation of your user support system.

FreshDesk helps to be able to keep in touch with customers easily and agilely, since this page, provides you everything, is just sharing it. You can share your support either by email, by phone, etc. So if there is an error or there is a doubt, it is easier to see it and to be able to do something about it and all thanks to the generation of tickets.

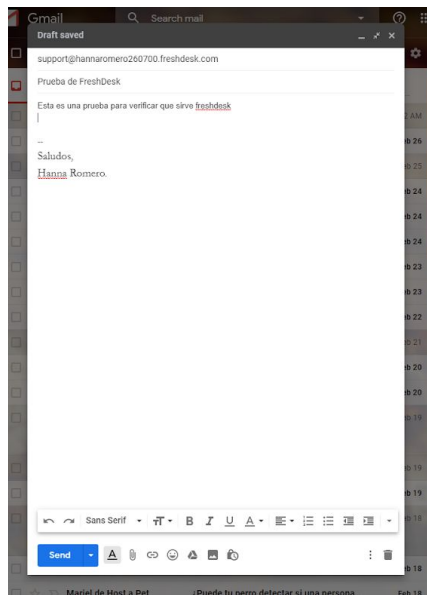
Here is an explanation of how FreshDesk is used:

First we must select the option that suits us, in my case I will use the option of support tickets by email.

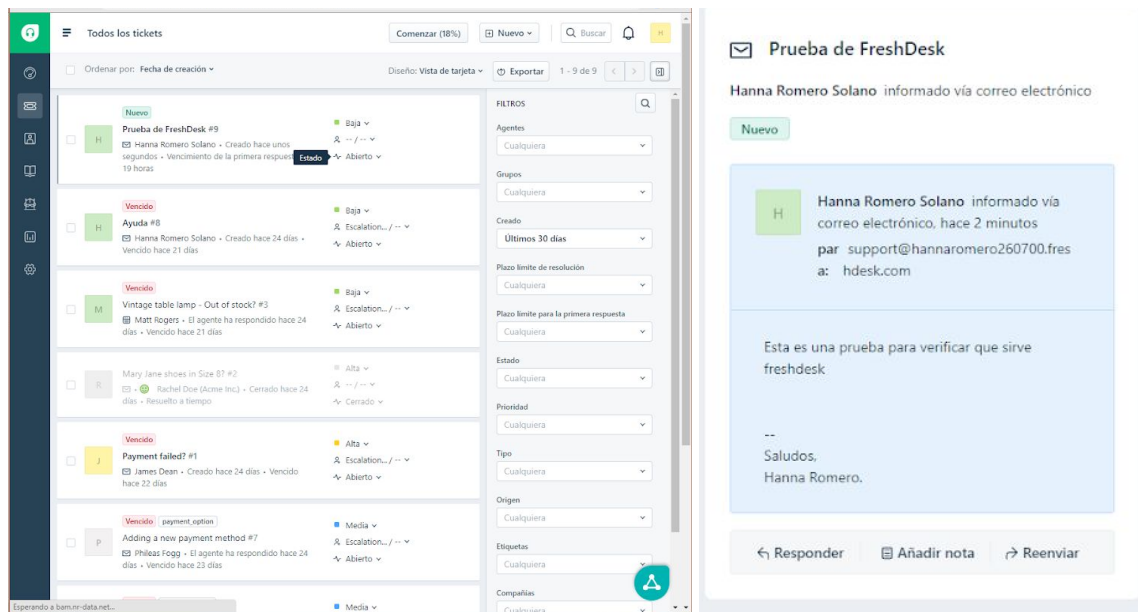
For this, you need to go to the settings option, followed by email to be able to locate the email that is automatically generated for this support.



As shown in the image, the support email is verified, so it is ready to use. It is simply to copy that link and add it wherever we want it to be, so that customers can send an email in case they need it. Now the client sends an email to that address, in my case I will send one for demonstration.



After the client has sent the email we open the FreshDesk tray and verify that the support email arrives, as shown in the following image.



Version control workflow

For my project I use Github for versioning and Fork for workflow.

Github and fork go hand in hand, that is, fork is good to be able to upload changes to the repository inside github, as well as download them and always have the latest version. Holder helps to clone a project, so it is easier to work and share a project. You can notice the changes made by you and others, I feel it has been a very useful tool for versioning, which is easy to use, for the workflow.

For github I feel that it is also very useful for versioning, because as stated earlier, this goes hand in hand with fork, because github has all the work inside a cloud repository, which is very useful because You have the same support for all the work and the changes that have been made. Also right there you can also upload, update and download projects for continuous improvement.

Here is an example of a repository in github:

hannaromero2 / MyFistRepo

Unwatch

1

Star

0

Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security

Insights

Settings

this is a repo for class

Manage topics

4 commits

2 branches

0 packages

0 releases

1 contributors

Branch: master

New pull request

Create new file

Upload files

Find file

Commit

hannaromero2

actualizacion read me

Latest commit 4e

HelloWorld.html

este es mi tercer commit

README.md

actualizacion read me

index.html

Este es mi primer commit

index2.html

Este es mi primer commit

README.md

MyFistRepo

this is a repo for class

Thi is not a demo

© 2020 GitHub, Inc.

Terms

Privacy

Security

Status

Help

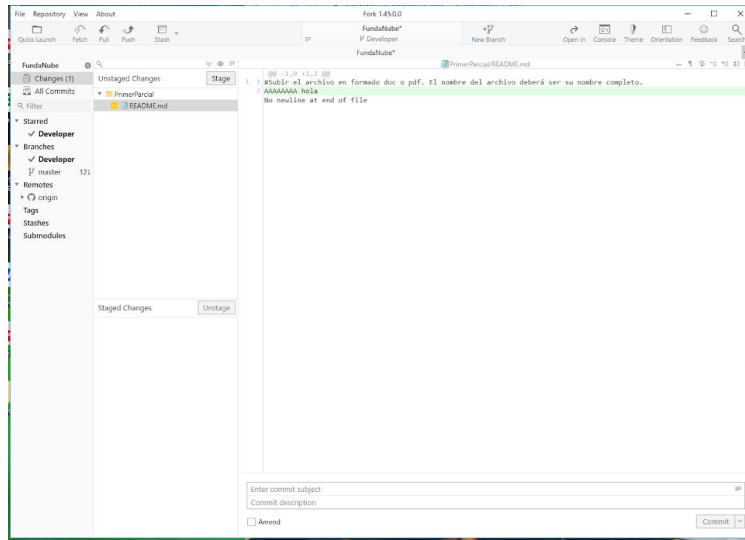
Contact GitHub

Pricing

API

Train

Commits



AUTHOR

HS

Hanna Romero Solano hannaromero3@gmail.com
20 feb. 2020 20:49:33 -06:00

SHA

62caefc99d6ade5ad15d6d985c5c6836657a8fa7

PARENTS

b84be5d

Primer commit hanna

le puse un aaaa hola al read me :)

primerParcial

Expand All

AUTHOR

HS

Hanna Romero Solano hannaromero3@gmail.com
20 feb. 2020 20:52:44 -06:00

REFS

Developer

SHA

8b50c7715a6b1c9ac15b90a3e25ce12d09d098dd

PARENTS

5299ecf

Segundo commit hanna

Le agregue segundo commit a read me

PrimerParcial/README.md

Expand All

AUTHOR

HS

Hanna Romero Solano hannaromero3@gmail.com
20 feb. 2020 20:54:30 -06:00

REFS

Developer

SHA

d9308da477e2543cc38988b6c54426b3258ce932

PARENTS

8b50c77

Tercer commit _ hanna Romero

quite todo lo que agregue al read me :)

PrimerParcial/README.md

Expand All