

Cloud Fundaments

“Engeneering in Technology and Software Development”

Model University

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Introducción

This document aims to collect all the topics learned in class in order to give it a usefulness and will serve as learning in the future taking into account the different scenarios in which we can work. Being an engineer is not only programming, but also requires knowing everything as it is to document, plan, monitor, etc.

The work allows us to analyze in depth the requirements necessary to be able to carry out a project together using the tools provided by the technological environment.

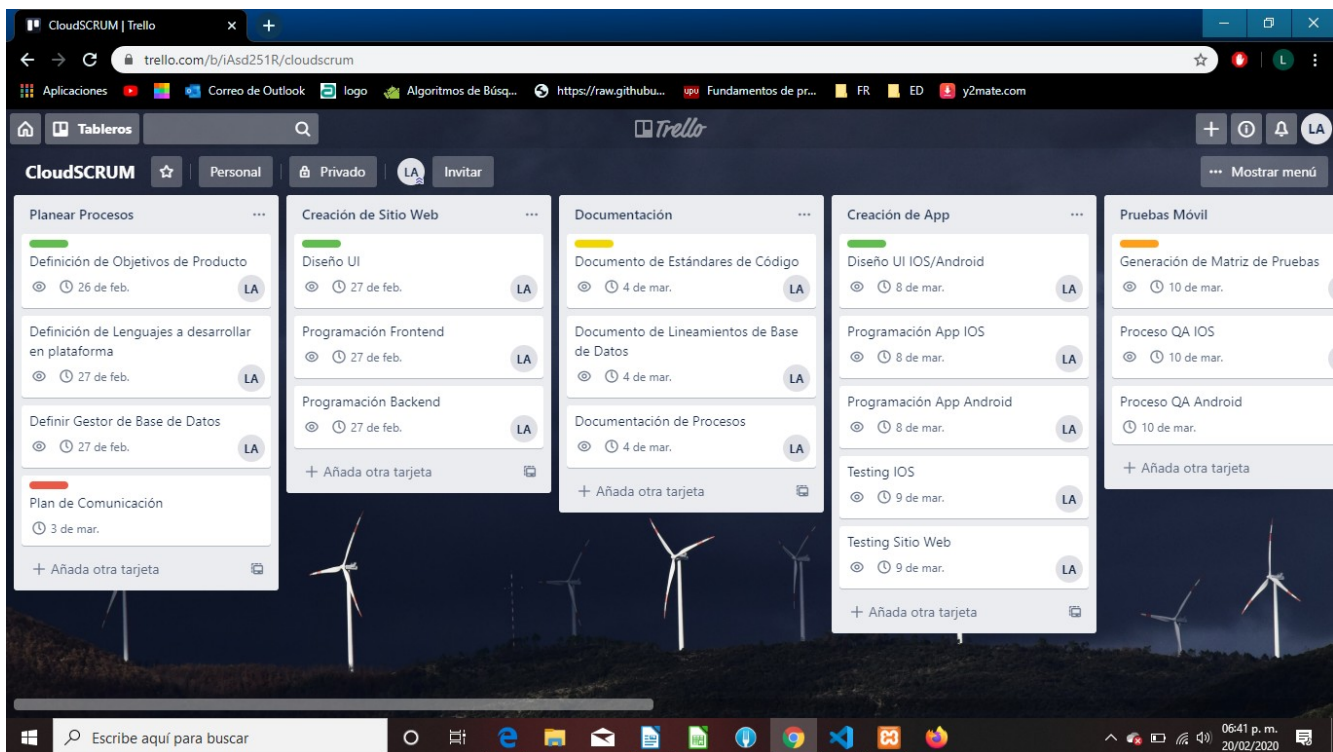
There is many software for any activity, so carrying out a plan, monitoring errors and doing something that everyone can collaborate on, it is very important for us as software engineers to delve into this type of topics for our future work .

Trello (SCRUM)

SCRUM Daily

The objective of this meeting is to facilitate the transfer of information and collaboration among team members to increase their productivity by debating points that can help each other.

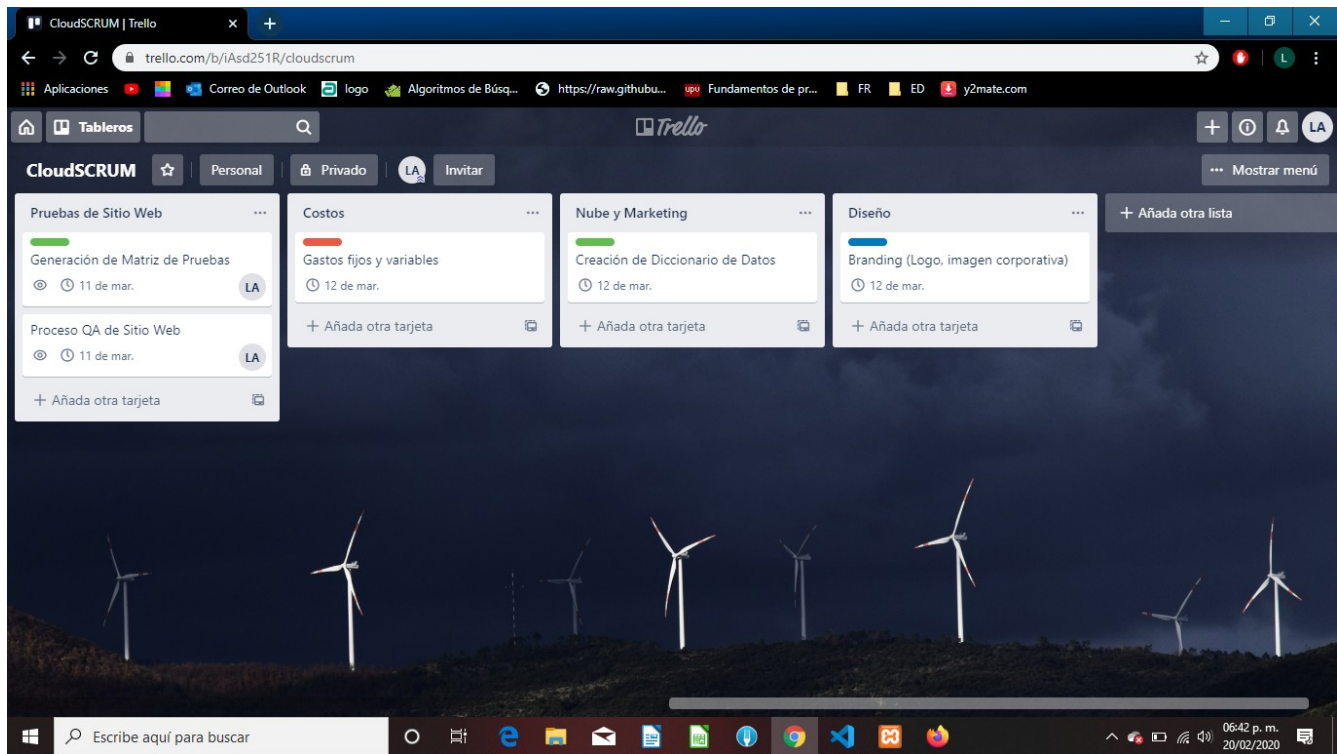
Each team member goes according to the work that the rest is doing, which can be taken as dependencies between tasks, progress towards the goal of the iteration, in order to avoid obstacles. To end the meeting, the necessary improvements must be made to meet the forecast made by the goal team to be delivered at the end of the iteration.



In this image you can see the sprints, which are sets of activities that will be carried out in the project. They are classified by each of the backlogs that are defined with the use of the methodology.

Trello (SaaS) is a software and serves to manage tasks allowing to organize group work collaboratively using virtual boards composed of task lists in the form of columns.

For project management you can represent different states and share them with different collaborators and who are part of the project. With Trello Think we try to improve the work routines of a team generating priorities, times, announcements and other options to organize a project in which there are several people



A Sprint Backlog is a set of activities, however first you must identify the objectives in which all of the team will participate, then where you must enter the use of the methodology to support whatever is necessary

Work functions

- Programmer for mobile app and website: Loreto Avila
- User Interface Designer: Loreto Avila
- Database Designer: Loreto Avila
- Documentato: Loreto Avila
- Project Manager: Alfredo Bolio Dominguez

FreshDesk

It is taken into account that the tool to be used for the generation of tickets in order to be able to follow up on our software will be Fresh Desk, since it has multiple sections to receive answers in relation to the support required, so it is her ramienta can have a wide scope because it not only has the communication channels via email, but also has sections, such as the use of calls that will generate tickets in the same form of support work, understanding that each ticket is going to be a pending within

our software that we must verify, just as this ticket will have a classification as to the urgency of achievement is concerned, in order to be able to organize the processes more easily.

GIT (Repositories)

GitHub is a tool that is used to work in conjunction with multiple people, unique codes that are stored in an API (Or Cloud), and can be consulted at any time, since GitHub takes into account issues such as technical issues or disruptions in the code or document, and has certain guidelines in order to maintain all the work done by the working group, but it is also noted that each of the team members upload a change and it will be recorded in the repository, allowing to perform a follow-up or versions that get easy solutions for collaborative work. It should also be noted that for the use of a repository on GitHub there is a software (SaaS) that we use called Fork, which is a tool that translates the work that we are going to record in Git in a graphical interface, managing graphically also to elevate the flow of work among team members.

The screenshot displays the GitHub Desktop application window. The top bar shows the repository name 'FundaNube' and the current branch 'master'. The left sidebar contains a list of branches, with 'master' selected. The main area shows a merge commit for the 'master' branch, titled 'Merge branch 'master' of https://github.com/loretavila1/FundaNube'. The commit message is 'Create Documentación'. The commit details section shows the author 'Loreto Ávila' with the email 'loret_08AB@hotmail.com' and the commit hash '639c99904b1e372036b453475df0994eb221246f'. The commit is linked to the parent commit '6b9b7c0 766f415'. The commit details section also shows the commit message 'Merge branch 'master' of https://github.com/loretavila1/FundaNube'.

Author	Commit Hash	Commit Message	Date
Loreto Ávila	639c999	Merge branch 'master' of https://github.com/loretavila1/FundaNube	20 Feb 2020 22:48
loretavila1	766f415	Create Documentación	20 Feb 2020 22:48
loretavila1	491265d	Create Segundo Cambio	20 Feb 2020 22:46
loretavila1	6b9b7c0	Create Definición de Lenguaje	20 Feb 2020 22:44
loretavila1	a65d712	Create Definición de Lenguaje	20 Feb 2020 22:44
loretavila1	9ca03fe	Initial commit	20 Feb 2020 19:13

