

Cloud Fundaments

Model University “Engineering in technology and software development”

SCRUM document

Model University

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## **Introduction**

This is a document for explain the process for agile SCRUM methodology, in this document this process will be explained using as an example a web page taking into account different processes that are going to be modified or made within this example exercise.

Being that it is going to be observed that processes such as the use of daily meetings are taken into account to observe advances on the processes that are being carried out within the work, as well as processes involved with the codification of the work as well as with the use of the assistance of tools implemented with the cloud for works oriented to this methodology.

## **Scrum daily**

In this part of the methodology the team work take's a time for a daily meeting for explain the advances of the project, in this meeting the SCRUM master say a questions for the team, for example, what have you done yesterday?, with this question the team say the advances with words and the SCRUM master verify the advances of the team with the tools of the cloud and the general documentation.

Other question for the meeting is what problems did they have while working?, this is a interesting question, because in this question the SCRUM master take's decisions about the answers of the team work, he make's a plan for the problems and he evaluates the problems to find a solution, It can be said that with this question you can get to see how each team member works with their assigned role, because if it comes to present many problems relaxed with their work and together their documentation does not make sense then The SCRUM master may decide to change the work role member.

By last the question asked at the close of the meeting is what will they do tomorrow?, with this question the SCRUM master evaluates the commitment of its team members to verify the next day with another meeting in conjunction with the verification of the general documentation the commitment of the member, because that is what this methodology is about and in general the realization of a project, that the members by Each one has a commitment to carry out the project, just as each member can have a love for the project that will ensure that their work is carried out in an excellent way, just as it should be taken into account that each member although has A role in which you must be good or have a passion for roles can always be exchanged in order to achieve goals.

## **Sprints “divide and conquer”**

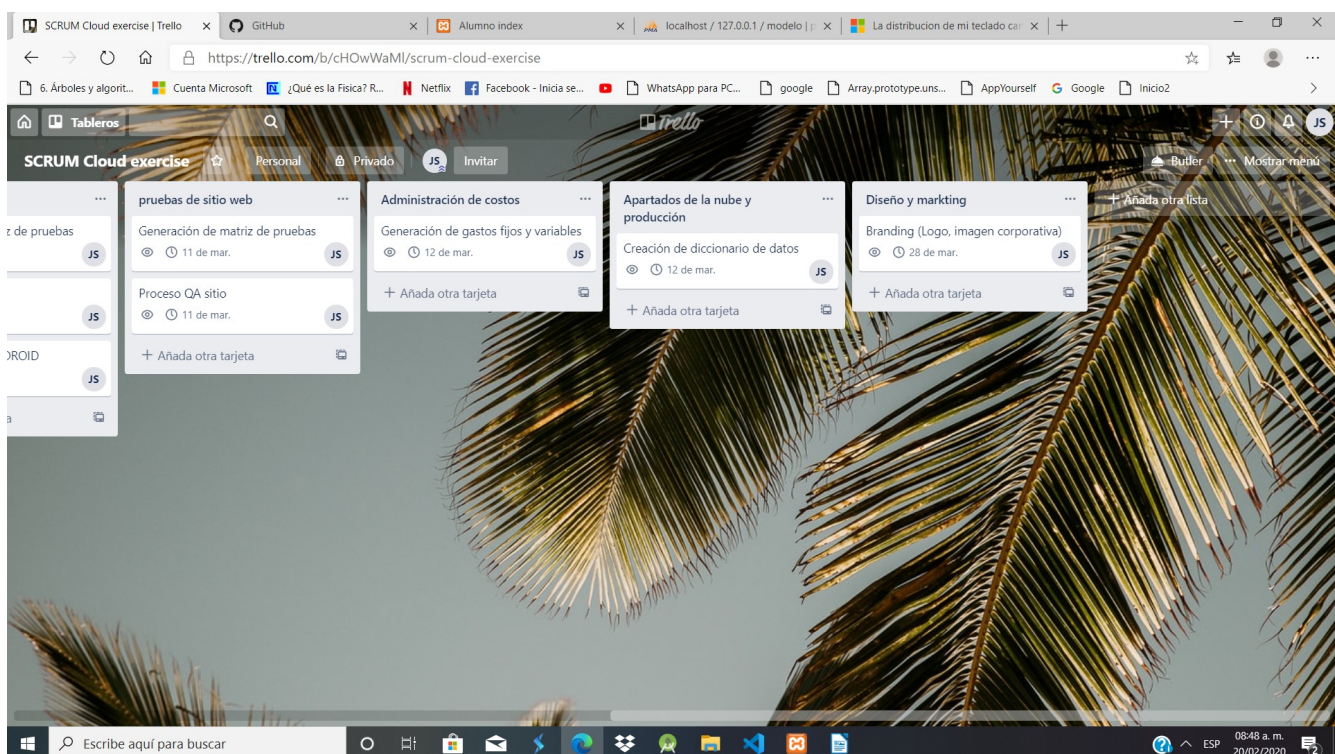
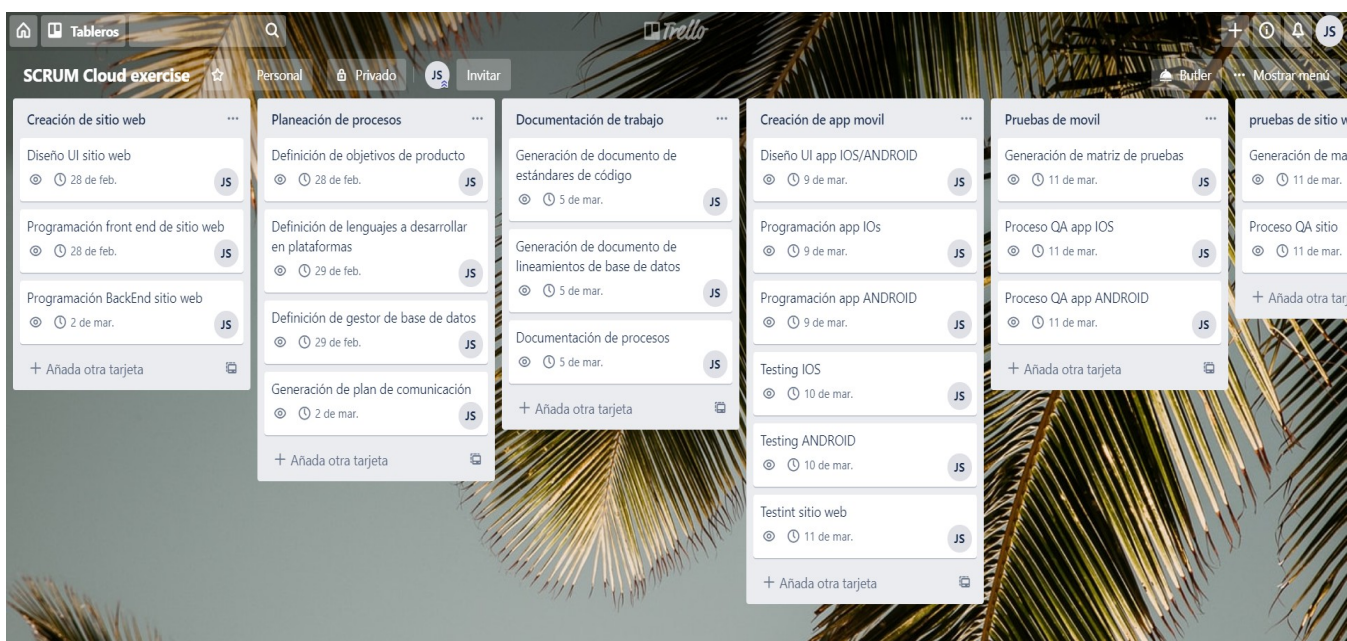
To briefly explain what a sprint and a backlog is, one must first talk about the objectives of a project, which are the ones that must be carried out first, who are involved in the processes that include this objective, and how long it takes to reach This objective, with these points is that the use of one of

the most important parts of the methodology that is the backlog is made, this being a section where the activities that are going to be carried out in order to reach the initial objective will be attached that is to deliver a product, since these backlogs are delivered in a period of time that does not exceed the time of 3 weeks, making the team members including the SCRUM master work in parallel.

For this part of the methodology.

we are going to use a tool called trello, being this quite useful for the Sprints and backlogs section.

The processes defined within the trello cards can be used to make a graphic guide of the progress of our work documentation.



## **Work roles**

-Logic programmer for mobile app and website:

Jorge Said Serrano Soto

User interface designer for mobile app and web page:

Jorge Said Serrano Soto

Database designer:

Jorge Said Serrano Soto

Documenter:

Jorge Said Serrano Soto

Project Manager and Quality Standards Manager:

Alfredo Bolio

## **Support and tracking tool with ticket generation:**

It is taken into account that the tool that is going to be used for the generation of tickets in order to be able to follow up on our software will be Fresh Desk, because it has multiple sections for receiving responses regarding support requires, since this tool can have a quite large scope because it not only has the communication channels via email, but also with sections such as the use of calls which will generate tickets in the same way of support work, being that each work ticket is going to be a pending within our software that we must verify, just as this ticket will have a classification as far as urgency of accomplishment is concerned, in order to be able to organize the processes more simply.

## **Workflow and version control**

In this project we have a very useful tool, which is github, being used for working in conjunction with a single code that is stored in a github API, and can be consulted at any time, because this tool takes into account issues such as code shock or Technical problems can be chosen in the case of code shock which is the code that will be used to be able to leave at work, so that if both parts of the work are needed you can put one and copy the other, in order to keep all the work done by the work team, but it will also be noted that each one of the team members upload a change will be recorded in the history of commits, making it possible to keep track of versions getting raised easy solutions to collaborative work.

It should also be noted that for the use of a repository in github we will use a tool called Fork, this being a tool that translates the work that we will register in github to a graphical interface, managing to graphically also raise the workflow between team members.

Quick Launch

Fetch

Pull

Push

Stash

Repositorio-nube-primer-parcial\*

+ New Branch

Tarea-2-Taller-de-base-de-datos

Repositorio-nube-primer-parci

Repositorio-nube-primer-parcial

Changes (116)

All Commits

Filter

Branches

- ✓ Dev
- master

Remotes

- dev
- origin

Tags

Stashes

Submodules

jar8 bcd4b4 19 Feb 2020

✓ Dev origin/Dev Tercer cambio

jar8 1bfb819 19 Feb 2020

Segundo cambio

jar8 993104a 19 Feb 2020

master Primer cambio

Commit

Changes

File Tree

AUTHOR

jar8 bioshock450226@hotmail.com  
19 feb. 2020 18:35:27 -06:00

REFS Dev origin/Dev

SHA bcd4b489b5cd030ead2b53a459cb143586aac1f

PARENTS 1bfb819

Tercer cambio

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