



Ingeniería en Desarrollo de Tecnología y Software

Fundamentos de la nube

“Primer Parcial”

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# Scrum Process

As the title says, SCRUM is a process in which a series of methods are applied to work in teams and achieve a positive result as soon as possible.

To develop the SCRUM process, the first thing to do is see what will be used and where it will be done (example: UI design, define languages, program in ANDROID and IOS, etc.).

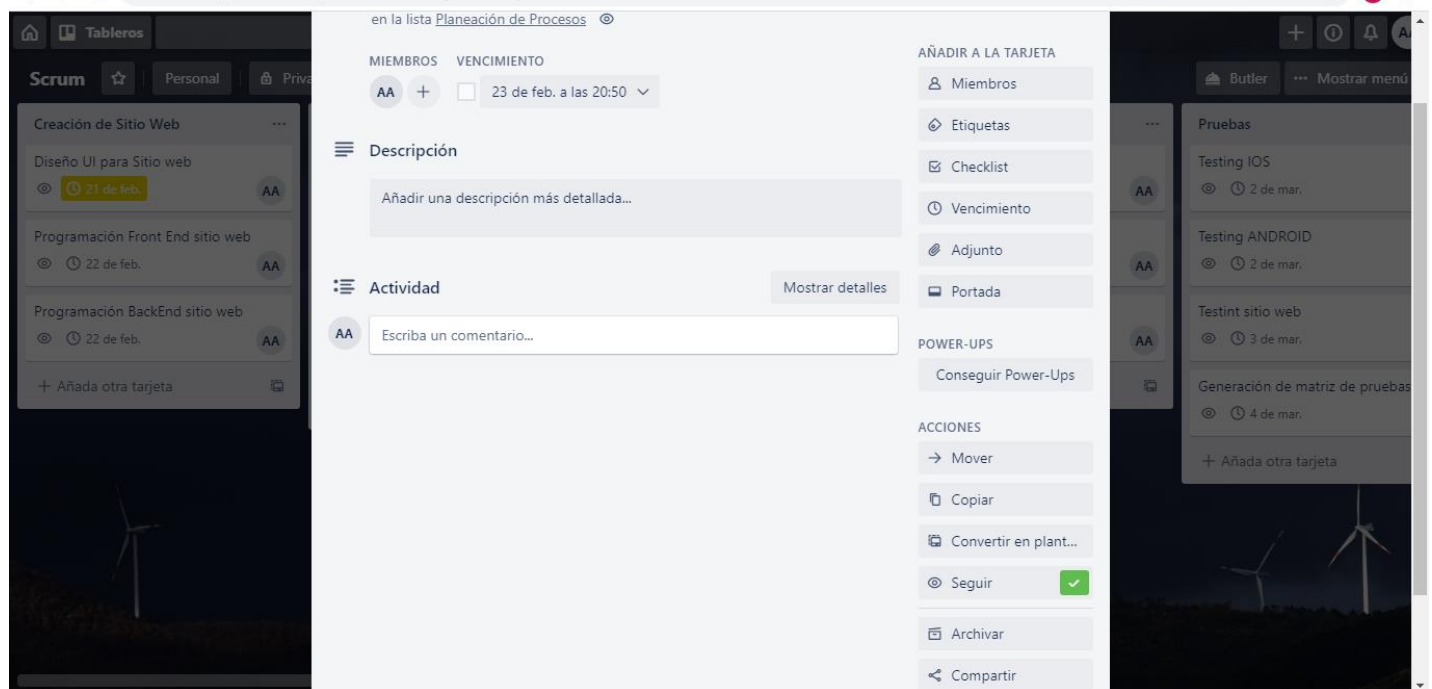
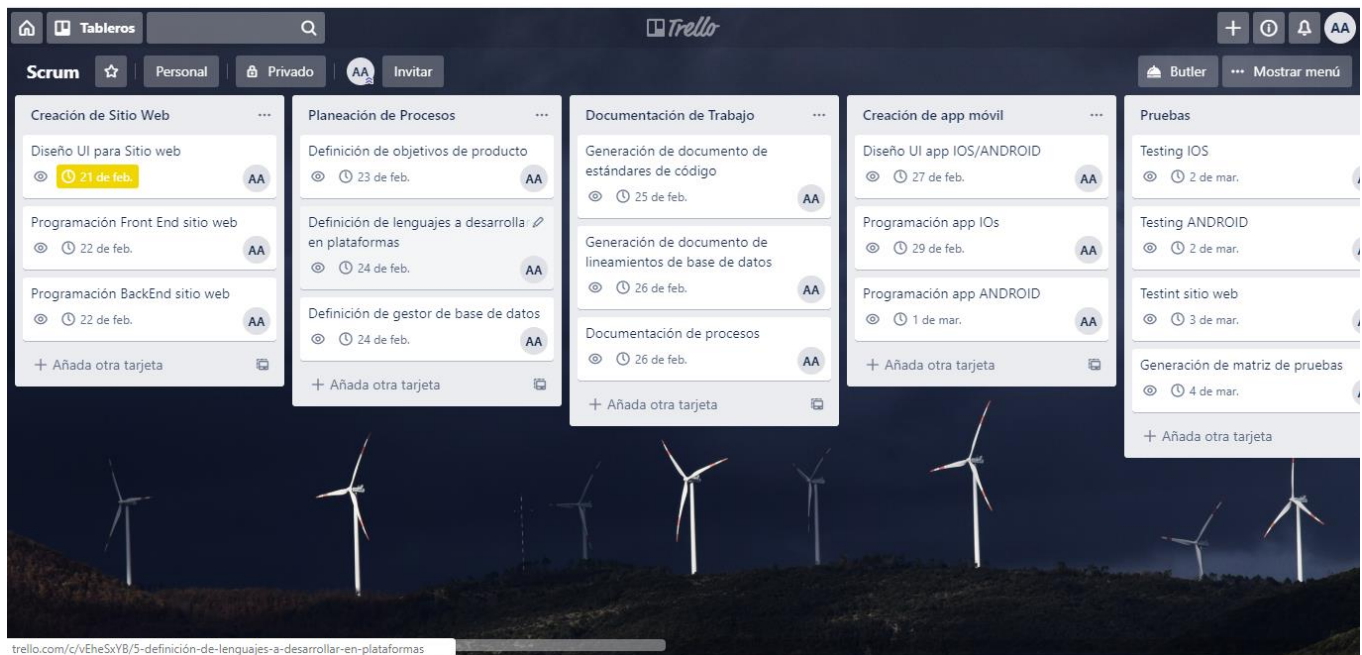
Once the tools to be used for the project have been defined, SPRINTS should be organized that will help the team to divide the tasks or objectives and know who will do each objective, it is very important to define how long each Sprint will be done (from 2 -4 weeks), depending on the size of the project is the number of Sprints that are made. (Example: **SPRINT1**.- Coding standards [Raúl], 2 weeks. **SPRINT 2**.- Define web languages [Roberto], 1 week).

When the Sprint numbers that will be made for the project are already defined, a daily meeting called SCRUM Daily must be held among the members of the project in which they should be aware of the progress: how are we doing ?, what is did yesterday ?, problems, what will be done today?, etc. These daily meetings last approximately 15 minutes.

There is also the monthly SCRUM or SCRUM monthly and is similar to the SCRUM daily, only in the monthly one the entire project is reviewed to know how much progress is made. This meeting lasts approximately 2 hours because it is a more detailed review. There is a meeting every two weeks called SCRUM biweekly, it is exactly the same as SCRUM Monthly, in fact, any of the 2 can be used.

A great tool that can help create the Sprints is an application called Trello, in it you can specify the tasks assigned to each team member, as well as the deadlines they have to finish each point, you can also give small descriptions of each objective So that the person knows more than what should be done, Trello has many other things that can make your Sprints much simpler and more organized. In the following photographs we can see an example of how the use of Trello for Sprints is.







## Work Roles

- Programmer WEB: Arturo Ayala.
- Programmer app: Arturo Ayala.
- Database Designer: Arturo Ayala.
- Document: Arturo Ayala.
- Project manager: Arturo Ayala.

As for the support tools and the creation of tickets, a software service called Freshdesk will be used as it has several products such as the help desk software, Freshservice (IT service management), Freshworks 360 (the latest software package from customer to life in the cloud that unifies sales, support and marketing to make each interaction a successful moment.), etc. Freshdesk became the third startup company to obtain a unicorn label in 2018, which is why and other things that this tool is very useful for creating support / tracking tickets.

For versioning and github will be used, as it is an application for project management and can also be used as a social network for workers. In the case of workflow, the application called Fork will be used, in it we can work in a group way and you can see the updates that have been made in the project by another team member. These two tools together will help us maintain good control and project management.

