

## Architecture Decision Record

By referring to the architecture chosen in this project we decide to use the tag "MVC", which is also the technical term for the architecture we went by. The gist/purpose of this project is to provide a small/local sales woman a web page that allows her to operate her fashion store in a virtual environment, since the covid 19 pandemic forced her to do so.

The requirements thinking in the perspective of all the stakeholders to the this specific is software is the integration of the client and a web page, a web page that will provide a login page, a shopping cart page and an catalogue page, for the sales woman/admin, we have the operation of control her catalogue and the access to the sales made and the stock control.

Our priority by the choice of the MVC model is the safety, the maintenance, the functional adequation suitable and the disponibility, that is directly implied by the requirements identified by the stakeholders. The MVC is the way to go since the modularization provides by its definition a very efficient way to control the integrations of backlogs systems and databases, which englobes safety and functional adequation, and the modularizations on the model view and control provides an easy way to operation the maintenance of the system in any of its parts and on a web level the disponibility is always a sure.

Currently (07/10/20), the status of this project, made by Lucas Silva, Renan Ramos and Lucas Tizzo, is in the version 0.1 of the architectural project and our biggest risks and assumptions are the complexity of the total project which can elevate a lot of the sales starts to grown in an unexpected way, implying in new requirements triggering in a scalability problem.