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Abstract

This document presents the pros and cons of several relevant technologies available in the market as of 07/11/2019 to develop an application to automate a process in …. And will present the technology that is used to build it.

software analysis to build an automation application for volkswagen

Justification of the technology used for this project

Introduction

Choosing the right tool to develop any project is not an easy task. There is just so many new technologies to develop any kind of application (web, mobile, desktop, IoT, etc.) that could overwhelm any developer, specially when you work for a totally new company and they ask you to create a software project from the scratch.

Therefore, this present document was created before building the actual application in first instance to collect all the technical details required by the end users and the stakeholders of it. It will then analyse and compare those available technologies, explaining why one was chosen over the others, what is the development plan and other important technical details that matter for the right development of this piece of software. In the end, this present work will also serve as a guide for any developer that may want to make changes to the …. Application, by knowing what was the core logic that the developer that build it followed.

Los gets.

General Purpose of the application

The application is intended to ….

Goals that should be fulfilled in the final version of the application

These are:

* First goal
* Second goal

**Technical specifications of the application.**

In the moment of the creation of this application, it is assumed that we need – elements to get our app running. We need:

* A database
* A server
* A robust API to integrate all requests
* A frontend interface.

What kind of users will use the application?

The users that will take advantage of the benefits of this software, have the following characteristics:

* Hjash

Therefore, we need an application that is aesthetically beautiful to the eye…..

What is the environment of use of the application?

There is --- possible environments of use of the application:

* First scenario is
* Second..

What is the hardware and software specifications used by the users?

In general, all users of the application have as hardware ….. and they use the software…

We got our specs, now let’s compare

Choosing the right technology as we stated before is not easy, so we want to make sure that knowing all the requirements in this document (formally stated on the requirement document in this repository), we meet all the necessities of our end users and stakeholders. I have divided all possible frontend, backend and server technologies for the development of this project.

FRONTEND

Angular

React

Flutter

ASP.NET

BACKEND

Node

PHP

SERVER

MongoDB

Fireship

Microsoft Azure

And the Winner is…

Conclusion

References: