**--Introduction--**

As we have been learning about how many ways we have to reach our objectives, one of them is the methodology of SDLC (Systems Development Life Cycle) which is an very interesting and useful path that implements many options about the form to create a project that we want to realise. This method specifies 6 steps:

* Planning
* Analysis
* Designing
* Developing
* Implementing
* Maintanance

In this case we will only make use of the three first of these stages (Planning, Analysis, Designing) but of course, each of them will be totally vital to create not only our sketch, but the whole project, that is scheduled for December.

Talking about the sketch, we are planning on developing an app that will feature the application of a high-level software method, which is probably going to be something very simple but useful because is related to detection by sensor, so we are very excited about this project.

**--Why we will use JavaScript/NodeJs/HTML--**

The reason that our team we will use all of these tools to make the app, is not only because the practice mentions that we have to use them. The compatibility between those three softwares is surprisingly good.

Once we have finished the coding from the JavaScript, we will directly pass with the beginning of using Node Js, which is an application designer and an execution environment, that has full compatibility with JavaScript, that means we will have no problem on using our JS code into Node Js (Actually I just noticed that the “Js” from Node Js is from JavaScript xd).

Lastly we have HTML, that basically is a very common and the most-used language to develop web pages and the reason of that is also his huge compatibility with many softwares and other stuff, including our code and our app.

Basically all that this whole paragraph is meant for, is just to explain that nowadays there plenty of ways to ge tinto what you want to reach, the tools you can find now are endless and this specific case we will be using those three softwares due to their advantages and facilities.