### 1.5 Richt de ontwikkelomgeving in

### Describe the right materials and resources that we need

All of us will work on our own computer. We will use “Visual Studio” to program the code for the application. Working in such languages as ‘JavaScript, CSS and HTML. To test our application we have a live server, this server can be tested on and edited to our liking.

The database we need to get information will be set up by the other development team. From that database we can get all the data. We will also link our phones to Visual Studio, this makes it easier to test our application. GitHub is used to share and/or merge our files.

### Install, configure and manage the right software

All of us already have Visual Studio on our computers. GitHub was also already setup because we used it in our last project. The server is setup but not used yet. The same goes for the database. The only thing necessary is connecting our phones, but that isn’t that difficult. Some have done it before with other programs.

### Takes into account the feasibility and future changes of the development environment

One thing to take into account is that certain libraries will have updates that are not backwards compatible. Cordova (formerly PhoneGap) is a risk because it still is being developed. However, this risk is declining every day as the library matures.

Another problem might be the API that our app relies on. If this API ever changes, our app might nog function properly. Therefore it is important to build the app in such a manner, that those changes can be quickly implemented.

The other products such as Visual Studio or GitHub are all stable and matured. There are no sudden changes expected in the near future.

### Keep track of the situation, development environment and results

Like explained before, We have most of the programs set-up. The only thing we need to do is connect our phones to Visual Studio. That will be done as soon as we start programming.

### Check in regularly with the client for the progress and results

We checked multiple times with the client to see if what we did was correct. Until so far the client has been pleased with our work. He agrees with the programs and methods that we use. In the beginning we discussed with the team and client what the best method would be. What language we should use and what program. This came to a quick conclusion and so we would be using our current options.