

## **Baropodometer Software**

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## **Programming Guideline**

### **Functions**

The functions will have names that start with lower case and if there is another word that describe the function it should start with upper case. In addition, a function cannot have more than 100 lines and if it occurs it should be splitted. All functions which are not get, set or builders should be commented.

### **Classes**

The classes are created in such a way that each class has only methods that are strongly related. The name of the classes starts with uppercase and can have any length.

### **Libraries**

The java development kit are being used in order to get all the necessary java functions and JDBC driver for postgres allow the connection to a postgres database.

### **Database**

The database for the system has been created in postgres and has the tables Hospital, Patient Record, Baropodometer Sample, Doctor, and Patient.