

SLAVE INIT/REGISTER W/ MASTER PSEUDO-CODE

Main

- Establish communication
- Receive data
- Initialize variables
- Loop for each student in the database
 - Create a new Student object for each student
 - Add each student to an arraylist of students

Needs to get a copy of the database at the beginning.

What do we need to do:

- Give master the slave identifier (IP address)
- Setup the Slave
- Establish Communication with the Master
- Get the Data from the Master

```
Public static void main(String[] args){
    if(response = slave #check to see if the user said the device was a slave){
        Slave slaveDevice = new Slave(IPAddress of the device #we will figure out how to
        get this later)
        slaveDevice.setupSlave();
    }
}
```

```
Public Class Slave {
    Int slaveID; #this will be used to create a unique list of slaves on the master
    Int masterIP; #this will be used to identify the master
    DataType dataSaverVariable; #placeholder for variable needed to store data of master
    Public Slave(int IPAddress #we will get this later, int MasterIP){
        slaveID = IPAddress;
        this.masterIP = masterIP;
    }
    public int getSlaveID(){
        return(this.slaveID);
    }
    public setupSlave(){
        #assuming o/ group provides function/params for both of the following functions
    }
}
```

```
    master.recieveData(slaveID, masterIP, dataSaverVariable);  
}
```

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