**Medications**

import java.util.ArrayList;

public class Medications {

private ArrayList<Medication> medicationList = new ArrayList<Medication>();

//This is the default Constructor

public Medications() {

}

public Medications(Generics generics) {

DataFileLoader aFileLoader = new DataFileLoader();

try {

medicationList = aFileLoader.getMedications(generics);

} catch (Exception e) {

e.printStackTrace();

}

}

//Adds a new medication to the list.

//If the medication allready exists the old one will be deleted.

public void add(String medicationId, String medicationName,

String unitOfMeasurement, ArrayList<SideEffects> sideEffectsList,

Boolean genericsAvailable) {

this.remove(medicationName);

medicationList.add(new Medication(medicationId, medicationName,

unitOfMeasurement, sideEffectsList, genericsAvailable));

}

//Removes medication if the medication name submited equals another name in the

//list.

public void remove(String medicationName) {

int i = medicationList.size() - 1;

while (i >= 0) {

if (medicationList.get(i).getMedicationName()

.equals(medicationName)) {

medicationList.remove(i);

}

i--;

}

}

//Returns true if medication name is in the list otherwise false.

public boolean contains(String medicationName) {

boolean isContained = false;

for (Medication aMed : medicationList) {

if (aMed.getMedicationName().equals(medicationName)) {

isContained = true;

}

}

return isContained;

}

public ArrayList<Medication> getMedications() {

return medicationList;

}

public int size() {

return medicationList.size();

}

public boolean isValid() {

if (this.size() == 0) {

return true;

} else {

return false;

}

}

@Override

public String toString() {

String aString = "";

for (Medication aMed : medicationList) {

aString = aString + aMed.toString();

}

return aString;

}

}