

## Read ME

To run this application you must install a web server and have default mobile emulator. On this CD I have put the WAR files for the web application and JAR files for the mobile client. The web application source files are in the Afrimoweb folder and the mobile application files are in the MobileAfrimo folder.

### WAR files

The WAR file for the web application is located under Afrimoweb\dist \. Deploy this file on a web server of your choice (i.e. Apache). Under this folder there is a file named **Afrimoweb.war** while the source files are located under Afrimoweb\src\java\Hello.

### JAR files

The JAR file for the mobile client is located under MobileAfrimo\dist\ . Under this folder there is a file named **MobileAfrimo.jar** while the source files are located under MobileAfrimo\src. Under the MobileAfrimo\dist\ there is also JAD file (Java Application Descriptor files describe the MIDlets that are distributed as JAR files.) JAD files are commonly used to package Java applications or games that can be downloaded to mobile phones.

If you run executable files then you will be accessing the database server under: **//mysql.stud.ntnu.no/mayende\_afrimo** and the pass word as indicated in the source files. I have left my user name and password for evaluation purposes. The password is in the database class under the method in the code below.

```
public database() {
    try{
        Class.forName("org.gjt.mm.mysql.Driver"); // .newInstance();
        con = DriverManager.getConnection("jdbc:mysql://mysql.stud.ntnu.no/mayende_afrimo",
"mayende_afrimo", "G0d4reym");
        con.setAutoCommit(true);
    } catch (SQLException e){
        System.out.println("err in constructor, can't connect " + e.getMessage());
        closeConnection();
    } catch (Exception e){
        System.out.println("Problem with context? " + e.getMessage());
        closeConnection();
    }
}
```

However, we have also inserted the SQL file to use to create tables. To run the Demonstration prototype if you decide to create the tables then you will need to change the above source code by inserting the appropriate database name, user name and password. You will also need to compile and run the source files again. However, you will also need an emulator as we said before.

Before you run the mobile client the web server must be up and running i.e. run the web server proceeded by the mobile client application.

You can also get more information from:

[http://java.sun.com/products/sjwtoolkit/download-2\\_5\\_1.html](http://java.sun.com/products/sjwtoolkit/download-2_5_1.html)

<http://tomcat.apache.org/>

### Files enclosed in the zip file

1. Thesis document
2. Afrimoweb folder
3. MobileAfrimo folder
4. SQL file
5. Readme file
6. figures folder

For more information: [Mayende@idi.ntnu.no](mailto:Mayende@idi.ntnu.no), [mavende5@yahoo.com](mailto:mavende5@yahoo.com), [mavende5@iace.mak.ac.ug](mailto:mavende5@iace.mak.ac.ug)