Appendix A: Compiling the VisuLeMo

Note: In the CD, you will find project zip file, all the prerequisites mentioned below, 2 SQL files and thesis paper's PDF file.

Prerequisites:

- Netbeans IDE (Framework was developed in Netbeans version 7.3.1)
- Java Development Kit (JDK)
- MySQL (Import 2 SQL files: visulemo.sql and webtrace.sql)
- Apache Tomcat server (Used version was 7.0.34.0)
- PrimeFaces library 3.5 (primefaces-3.5.jar)
- Google Gson library 2.2.4 (gson-2.2.4.jar)
- JSF (javax.faces-2.2.1.jar)
- JSTL (jstl-1.1.jar)
- mysql-connector-java-5.1.24-bin.jar
- commons-fileupload-1.3.jar

In order to use the framework, follow the steps mentioned below:

1) First of all, import 2 SQL files: visulemo.sql and webtrace.sql in your MySQL database.
   - If you don't have SQL database, you can install XAMMP from the CD and use PhpMyAdmin of XAMMP for SQL database to import these 2 files.

2) Import project zip file in Netbeans IDE:
   - File -> Import Project -> From zip

3) Inside the Project, check library dependency paths. Normally all paths should be fine. If any path is unlinked then provide correct path for the libraries listed in prerequisites.
   - In Project Explorer of Netbeans. Right click Libraries -> Properties. Here, you can add libraries if some libraries are missing.

4) Specify database username, password and database name in the DbConnection.java file.
   - Default username is "root" and password is ""
   - Default databases names are "visulemo" and "webtrace".
5) Build the project and run it on the Apache Tomcat server.
   - If you don't have your data in PALM and Webtrace, You can use the test account created for the "Test User VisuLeMo".
     Both Login Id and Password is test_visulemo.

Have a fun playing with VisuLeMo!

Suggestions, feedbacks, questions and error reports are always welcome and can be e-mailed to vairagkumar.godhani@rwth-aachen.de