**MUMBOOK**

# Group members:

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| SN | Task | Status |
| 1 | Project layout and Design | Done |
| 2 | Register New User | Done |
| 3 | Login / logout | Done |
| 4 | Add New Post with Photo | Done |
| 5 | Show Posts from Following Users in Home Page | Done |
| 6 | Update User Profile (Edit Info) | Done |
| 7 | Change User Profile Picture | Done |
| 8 | Change Password | Done |
| 9 | Disable User Account By Admin | Done |
| 10 | Disable User Post By Admin | Done |
| 11 | Add Advertisement By Admin | Done |
| 12 | Follow Other Users | Done |
| 13 | Show Weather for Current Location | Done |
| 14 | Connecting with Database using Hibernate | Done |
| 15 | Servlet Filtering for Security | Done |

# Configuration and Installation:

## Databse:

1. Database: MySQL
2. Database Name: mumbook (provided in hibernate.cfg.xml)
3. Username: mumbook\_sys (provided in hibernate.cfg.xml)
4. Password: st123 (provided in hibernate.cfg.xml)
5. Hibernate will generate all tables
6. After registering a user should manually add role “ROLE\_ADMIN” for a user which you want to be admin and access the admin panel after login.

## IDE:

1. Intellij IDEA (Ultimate Version)
2. You should run Intellij Idea as administrator otherwise you get access denied error while storing post’s image and profile’s image.
3. You should configure the project to use Apache Tomcat.

## Apache Tomcat

1. Version: 9.0.XX

## File Storage:

1. After running the application, the image will store under the project directory “~\target\MUMBook-1.0-SNAPSHOT\images”;

# Populate Database:

If you want prepopulated database, you should run the application first and then you will have the databases. Then you can go to MySQL and run these queries to populate the database for check or you can register and start having your data.

The database backup is added to the DatabaseDumpScript folder at Github.

## User Table:

INSERT INTO `user` VALUES (1,'IOWA','United States','Senior Software Developer','admin@test.com','Admin','Male','Admin','admin','download (1).jpg','ROLE\_ADMIN','Iowa',\_binary '','admin'),(2,'IOWA','United States','Software Engineer','saroj@mum.com','Saroj','Male','Thapa','12345','FakeDP.jpeg','ROLE\_USER','Iowa',\_binary '','saroj'),(3,'IOWA','United States','Full stack java developer','amahmadi@mum.edu','Ali','Male','Ahmadi','ali','4-tips-for-taking-professional-profile-pictures.jpg','ROLE\_USER','Iowa',\_binary '','ali');

## Post Table:

INSERT INTO `post` VALUES (3,'Welcome to Maharishi Univeristy of Management','Youngers-Park-7-AERIAL-with-green-bioswale.jpg',\_binary '',1),(4,'Hello Friends ','maxresdefault.jpg',\_binary '\0',2),(5,'Happy birth day','airplane.jpg',\_binary '',3),(6,'Take software engineering course','staffandittraining\_71714338\_0.jpg',\_binary '',2);

## Follower\_user Table:

INSERT INTO `follower\_user` VALUES (1,3),(3,2),(2,3);

## Ads Table:

INSERT INTO `ads` VALUES (1,'Starbuck','https://www.adweek.com/files/imagecache/node-detail/starbucks-cup-01-2014.jpg');

# Techniques

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| --- | --- | --- |
| ID | Technique | Where used |
| 1 | Storing Image in Local Path | New Post, and Change Profile Picture |
| 2 | Database Connection Using Hibernate | Every Domain Classes (POJO) |
| 3 | Ajax, JQUERY | Change Password, Change User Information, Follow User Button |
| 4 | MVC | Server Side |
| 5 | Using Third Party API for Weather | Showing Weather Forecast at Home Page |
| 6 | Security Filtering | Security Filter in Server Side |

# Source Code in Github

Use link below for cloning the source code.

<https://github.com/alimohammadahmadi/WAP-SocialNetwork>