

# Software Engineering Lab Project README file

Archisman Pathak  
18CS30050

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## 1 Code Download

Download the code from the following github link and then unzip :

<https://github.com/TheThinker01/Sangit>

## 2 Software Requirements

### USE WINDOWS 10 OPERATING SYSTEM

1. Make sure you have one of the newer versions of JDK installed
2. Make sure `JAVA_HOME` environment variable is set. To verify on Windows 10 in **Windows Run** type  
`%JAVA_HOME%`  
Your JDK installation directory should open.
3. Download and install the latest version of MySQL community server edition from its website.
4. Download and install maven
5. **Make sure both the above are added to path**

### 3 Compiling instructions

1. Set MySQL up as given in the link :  
<https://cse.iitkgp.ac.in/~dsamanta/java/ch11.htm>
2. Import **sangit.sql** database dump into MySQL databases.  
The command in cmd is  
`mysql -u your_username -p sangit < sangit.sql`
3. Start the server either from the services utility or by the command in cmd :  
`mysqld`
4. Now run the MySQL server and configure its url in `hibernate.cfg.xml` file
5. In the application's root directory type the command  
`mvn package`  
This would first download all the dependencies required into local maven repository.  
Once build is completed type the command  
`mvn tomcat7:run`
6. The application will now be running at local host. The homepage can be accessed at :  
`localhost:8080`

### 4 User Accounts

The Following user accounts are already added to the database and can be used to directly login to the application :

1. User Account :
  - Username - `useracc`
  - Password - `useracc123`

2. Music Provider Account :

- (a)
  - Username - enmp
  - Password - enmp123
- (b)
  - Username - indmp
  - Password - indmp123

3. Admin Account :

- Username - archisman
- Password - admin123