

Final Agenda: Final agenda of this project is to implement the bookclub web application on dedicated web server of our university.

Solutions to implement the web application:

To implement the web application, we've to upload project folder in zipped format to the webserver root folder and extract it.

Either go with the Xampp or MySQL Workbench to create the database and its connectivity with application. Here I've chosen MySQL Workbench to implement the same.

STEPS TO DOWNLOAD AND INSTALL MYSQL AND WORKBENCH:

STEP1: Download MYSQL from <https://dev.mysql.com/downloads/mysql/>

STEP2: Extract MYSQL Folder contents and paste in C:\

STEP3: Change Directory to C:\mysql\bin\ (in command prompt)

STEP4: Initialize the database. create a root user without password.

```
c:\mysql\bin>mysqld --initialize --console
```

Note: copy temporary password from the prompt

STEP5: start the mysql database server

```
c:\mysql\bin>mysqld --console
```

STEP6: Start a client as superuser "root" (open a new command prompt and enter below command)

```
c:\mysql\bin>mysql -u root -p
```

STEP7: Change Password

```
mysql>alter user 'root'@'localhost' identified by 'mysqladb';
```

STEP8: quit

STEP9: C:\mysql\bin>mysql -u root -p

Note: When it prompts for entering password. Enter your new password i.e., mysqlpdb

STEP10: Install MYSQL WORKBENCH simply next --> next --> finish
(<https://dev.mysql.com/downloads/workbench/>)

STEP11: Open Mysql Workbench --> Create Connection --> Connection Name: lms --> Enter Root Password i.e., mysqlpdb

STEP12: Connect to the server.

STEP13: Copy and Paste LMS DB Script to create all tables.

Goto to your project folder --> settings.py --> INSTALLED_APPS (Add your App) --> lms.apps.DashboardConfig (here lms is appname)

STEP14: Goto settings.py

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.mysql',  
        'NAME': 'lms',  
        'USER': 'root',  
        'HOST': 'hostname',  
        'PORT': 3306,  
        'PASSWORD': 'mysqlpdb',  
    }  
}
```

STEP15: Goto the browser and check the domain name of the web application.