

Library Management System

There are in Total 2 Folders and 1 file included in this project: -

1. library_management_system folder
2. library folder
3. manage.py file

➤ **library_management_system:** -

In this folder, there are 3 important files: -

1. `__init__.py` :- in this file we have imported pymysql package.
2. `settings.py` :- This file contains all configurations like databases, installed apps information etc. Here we have set MySQL with database name , username , password. and in installed apps and we have added “library” folder name.
3. `urls.py` :- In this file, we have mentioned all URL paths to go to admin page and view page.

➤ **library:** -

In this folder, we have all the content required to create library management system.

- Migrations folder :- In this folder, it creates migration files which we create with a command “makemigrations”.
- `admin.py` :- In this file, we have added the code to register our model to admin site.

- `models.py` :- This file contains all classes required to create tables in MySQL database. Here we have created two classes naming `adminaccount` & `book`. In which we have entered the details of admin and all books.
- `serializers.py` :- This file is responsible for converting Django objects into data types understandable by front-end frameworks.
- `views.py` :- In this file, we have created all views like GET, POST to create, update, delete or view the records of the book.

So, these are all backend files required to run the Django program.

!!! Thank You !!!