

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.
- `manage.py` :- This is a default file comes with Django project creation. This file is required to run all commands related to Django project like `runserver`, `migrate`, `createsuperuser` etc.

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

!!! Thank You !!!