

## Course: Introduction to Programming Using Python

### Module 20. Frameworks. Part 9

In this Practice, you should create a web app Library.

#### Task 1

You need to store information about books and readers.

Book information:

- Title of the book;
- Author;
- Year of publishing;
- Genre;
- Publisher;
- Book availability (it can be borrowed by a reader).

Reader information:

- First Name;
- Last Name;
- Phone number;
- email;
- Registration date;
- Information about books borrowed by the reader.

#### Task 2

Create models for each entity: book, reader, etc. Make sure to configure relationships between models.

## Task 3

Add the ability to display information about books, readers, and what books were borrowed by the reader.

## Task 4

Add authentication and authorization mechanisms. Create a reader group. This group can only view information about books.

## Task 5

Two modes should be implemented when viewing information about books:

- All books;
- Available books.