








Student Task: Implement CRUD Operations in Django

**Objective:

Create a Django project named `library_crud**` with a model called **Book** that supports full CRUD (Create, Read, Update, Delete) operations.

Requirements:

1.  Create a **model named Book** with the following fields:
 - title (CharField, max_length=200)
 - author (CharField, max_length=100)
 - description (TextField)
 - published_date (DateField)
2.  Implement views to:
 - **Create** a new Book
 - **Read** (list all books and view individual book details)
 - **Update** an existing Book
 - **Delete** a Book
3.  Use **Django Class-Based Views (CBVs) or Function-Based Views (FBVs)**.
4.  Create a ModelForm for the Book model.
5.  Design templates:
 - book_list.html
 - book_detail.html
 - book_form.html (for both create and update)
 - book_confirm_delete.html
6.  Style using **Bootstrap** for clean UI.
7.  Use Django's **messages framework** to show feedback (e.g., "Book added successfully").