

# CRUD Application

( Users details Management )

## Abstract :

Modern Web\_development involves user interaction with databases. As a rule, the user needs to perform some actions with the database. Usually, there are 4 actions: create, read, update and delete something. This is how we came to name them CRUD Operations – an abbreviation for these four actions. The READ function retrieves data based on different criteria and is equivalent to the Select function in SQL. UPDATE procedures change and modify records without overwriting. The DELETE function removes one or more entries that are specified.

These services are usually provided by the POST, GET, PUT and DELETE endpoints of a RESTful API.

To, build this Python CRUD application ( User details Management ) project , we will need the following libraries.

1. Python Flask - Flask is a Python framework for building web apps. It's small, light and simple compared with the other widely used Python framework, **Django**.

This is a Front-End of CRUD application.

2. flask\_mysqldb - MySQLdb provides MySQL connection for Flask.

This is a Back-End of CRUD application. ( MySQL 8.0 )

these libraries are not pre-installed in python , you will have install to run the following command to install it.

```
pip install Flask
```

```
pip install Flask-MySQLdb
```