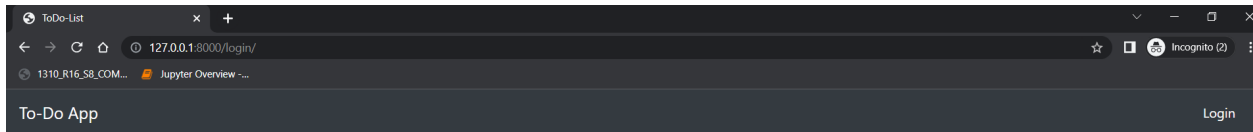


# ToDo App - Using DJANGO FRAMEWORK

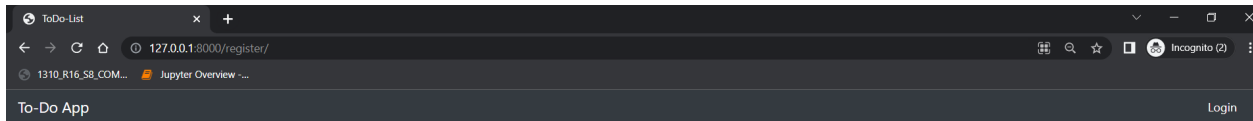
## 1. Front-End of ToDo Application

1) The **Login page** (url - <http://127.0.0.1:8000/login> ) this page ask user to login else it will need to Register first



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2) The **Register page** (url - <http://127.0.0.1:8000/register> ) here the User will register himself for the first time

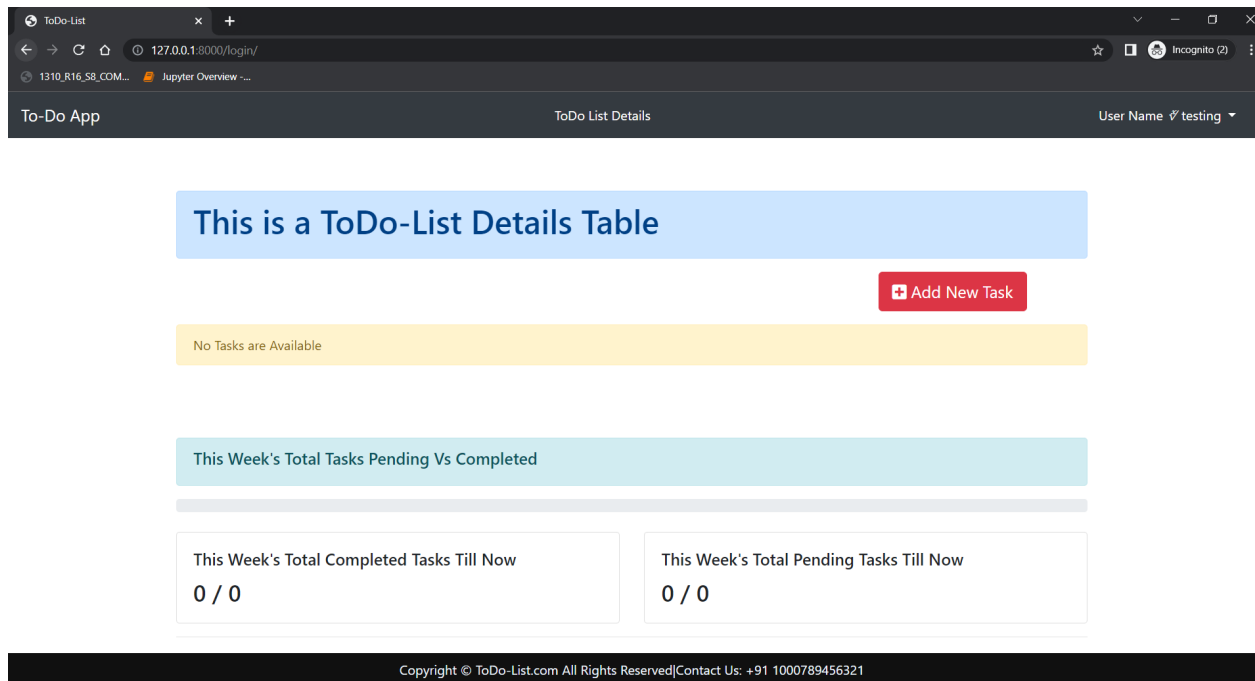


- Username is Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.
- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

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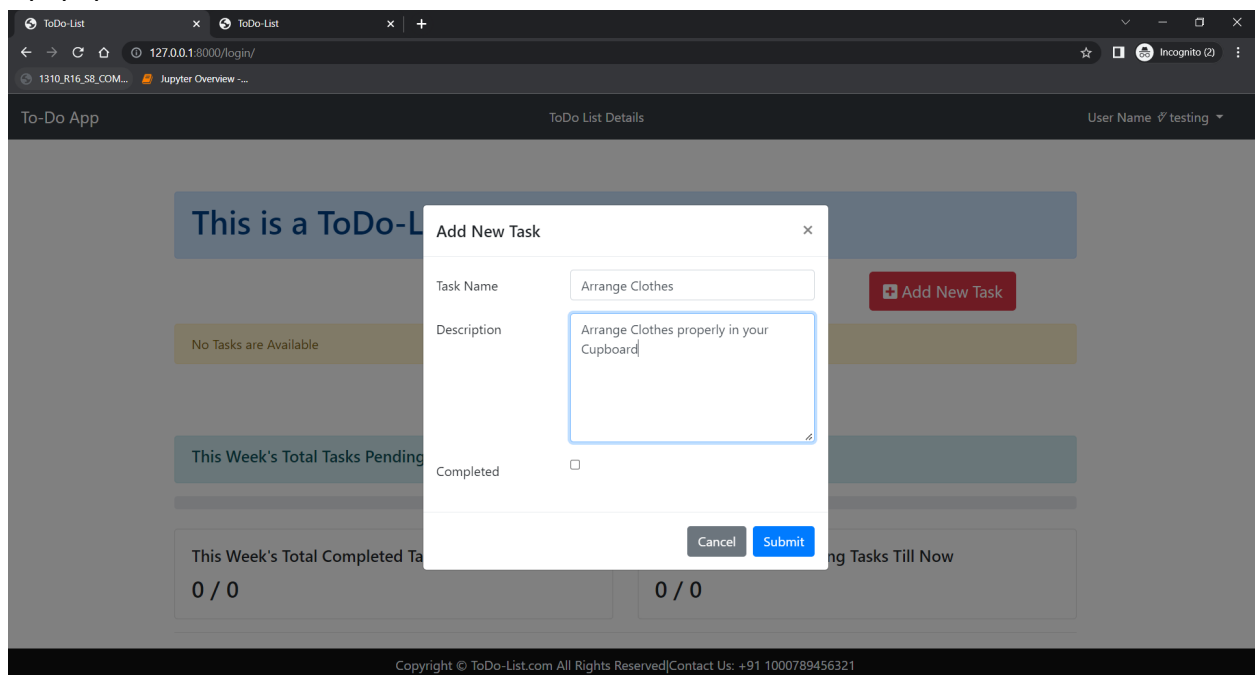
## ToDo App - Using DJANGO FRAMEWORK

3) After the user is logged in it will see all the tasks user had saved if there are no tasks then it will show **“No Tasks Available”**



4) Once the User adds the Tasks the “ToDoList” will display all the Tasks present also as per the requirement this screen will give us the overview about

**4.1 - To Add New Tasks** - To add the task user needs to click on **Add New Task** this button and a popup will occur so that the User can add the task



# ToDo App - Using DJANGO FRAMEWORK

**4.2 To Display All Tasks** - After Adding the Tasks we can see all the Tasks Added.

**\*Note - Users can See his Todo tasks & they can see total tasks done by him in a week day-wise.**

**(i.e This Week's Total Completed Tasks Till Now, This Week's Total Pending Tasks Till Now, Total Completed Tasks Till Now ,Total Pending Tasks Till Now)**

ToDo-List

127.0.0.1:8000/todolist/

Incognito (2)

1310\_R16\_S8\_COM... Jupyter Overview -...

ToDo App

ToDo List Details

User Name test

This is a ToDo-List Details Table

Add New Task

Task No	Title	Creted On	Completed	Modify	Delete
1	Go for Walk	April 25, 2022, 8:45 a.m.		<div>Edit Task</div>	<div>Delete</div>
2	Arrange Your Clothes	April 25, 2022, 8:59 a.m.		<div>Edit Task</div>	<div>Delete</div>
3	Learn new Skill	April 21, 2022, 9:18 a.m.		<div>Edit Task</div>	<div>Delete</div>
4	Pay Bill	April 22, 2022, 4:45 p.m.		<div>Edit Task</div>	<div>Delete</div>
5	Check Messages	April 24, 2022, 10:17 a.m.		<div>Edit Task</div>	<div>Delete</div>

This Week's Total Tasks Pending Vs Completed

This Week's Total Completed Tasks Till Now  
1 / 3

This Week's Total Pending Tasks Till Now  
2 / 3

Total Tasks Completed in this Week

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	0	0	0	0	0	0

Total Tasks Pending Vs Completed Till Now

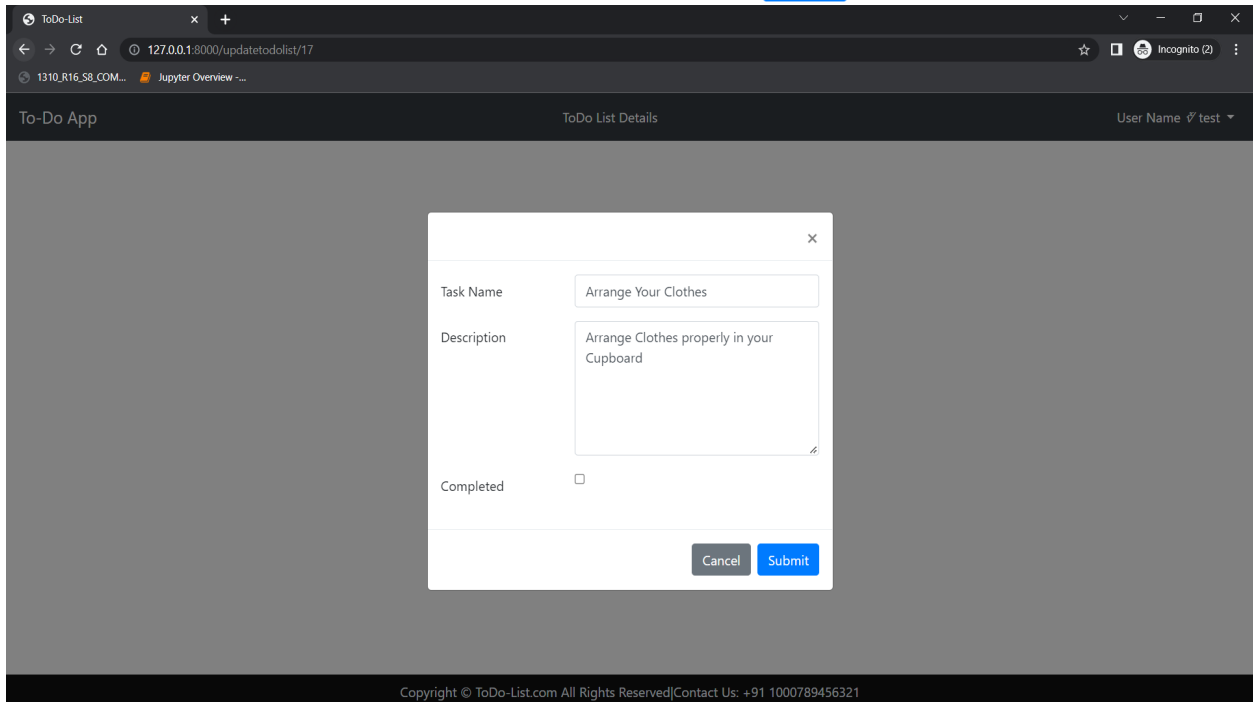
Total Completed Tasks Till Now  
3 / 5

Total Pending Tasks Till Now  
2 / 5

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## ToDo App - Using DJANGO FRAMEWORK

**4.3 To Edit Any Task** - Once the User add his tasks then he can set it as Completed or Not(i.e **Users can See his today's Todo tasks & Mark/Update them as done.**) and update the Title or Description for that Task by clicking on Edit Task Button [Edit Task](#)



The screenshot shows a web browser window with the URL `127.0.0.1:8000/updatedtodolist/17`. The page title is "To-Do App" and the user is logged in as "User Name test". A modal form titled "ToDo List Details" is displayed in the center. The form contains the following fields:

- Task Name:** A text input field containing "Arrange Your Clothes".
- Description:** A text area containing "Arrange Clothes properly in your Cupboard".
- Completed:** A checkbox that is currently unchecked.

At the bottom of the modal, there are two buttons: "Cancel" and "Submit".

**4.4 To Delete Any Task** - The User can click on delete button for e.g the “Temp” Task added user can be deleted by clicking on [Delete](#) button

Task No	Title	Creted On	Completed	Modify	Delete
1	Go for Walk	April 25, 2022, 8:45 a.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>
2	Arrange Your Clothes	April 25, 2022, 8:59 a.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>
3	Temp	April 25, 2022, 10:50 a.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>
4	Learn new Skill	April 21, 2022, 9:18 a.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>
5	Pay Bill	April 22, 2022, 4:45 p.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>
6	Check Messages	April 24, 2022, 10:17 a.m.		<a href="#">Edit Task</a>	<a href="#">Delete</a>

- After Deleting the “Temp” Task the the records available now are shown below -

# ToDo App - Using DJANGO FRAMEWORK

This is a ToDo-List Details Table

[Add New Task](#)

Task No	Title	Creted On	Completed	Modify	Delete
1	Go for Walk	April 25, 2022, 8:45 a.m.	🕒	<a href="#">Edit Task</a>	<a href="#">Delete</a>
2	Arrange Your Clothes	April 25, 2022, 8:59 a.m.	🕒	<a href="#">Edit Task</a>	<a href="#">Delete</a>
3	Learn new Skill	April 21, 2022, 9:18 a.m.	✅	<a href="#">Edit Task</a>	<a href="#">Delete</a>
4	Pay Bill	April 22, 2022, 4:45 p.m.	✅	<a href="#">Edit Task</a>	<a href="#">Delete</a>
5	Check Messages	April 24, 2022, 10:17 a.m.	✅	<a href="#">Edit Task</a>	<a href="#">Delete</a>

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5)The User can also **Update** its details by clicking on “**User Details**”

[Add New Task](#)

[User Details](#)  
Logout

[Add New Task](#)

Task No	Title	Creted On	Completed	Modify	Delete
---------	-------	-----------	-----------	--------	--------

- After Clicking to “**User Details**” the user will be redirected to this page and details can be updated

Username is Required. 150 characters or fewer. Letters, digits and @/./+/\_ only.

**Update Your Details**

Name

E-Mail Address

[Update](#)

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# ToDo App - Using DJANGO FRAMEWORK

## 2. Back-End of ToDo Application

3.

In the **Back-End of this Application** the Primary Key of User is used as a Foreign Key to the Tasks Table

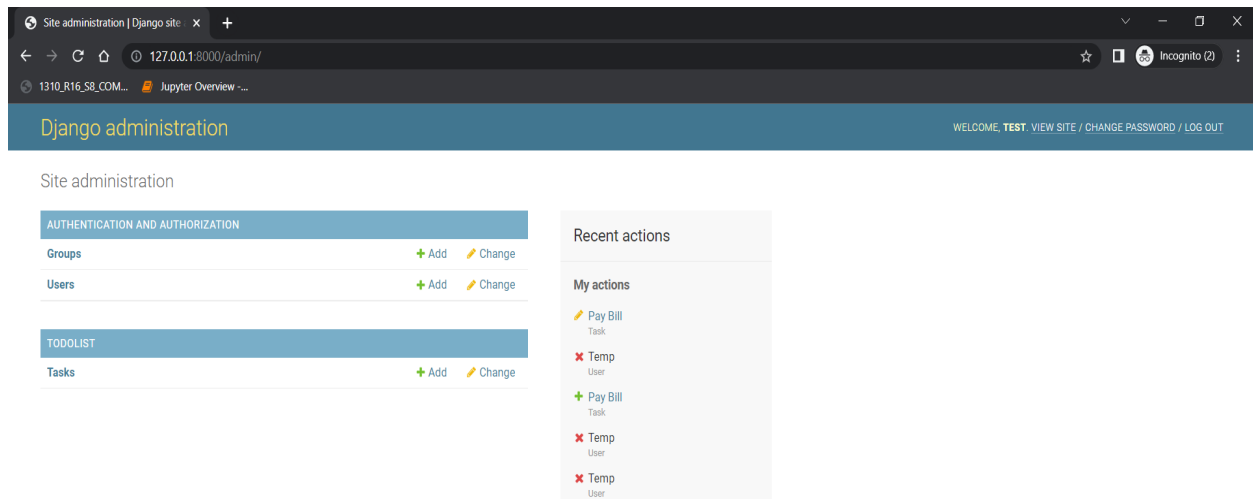
### 1) Foreign Key Relation of User with Task Table in models.py File

```
class Task(models.Model):
    user = models.ForeignKey(User, on_delete=models.CASCADE, null=True, blank=True)
    title = models.CharField(max_length=255)
    description = models.TextField(null=True, blank=True)
    complete = models.BooleanField(default=False)
    createdon = models.DateTimeField(auto_now_add=True)

    def __str__(self):
        return self.title

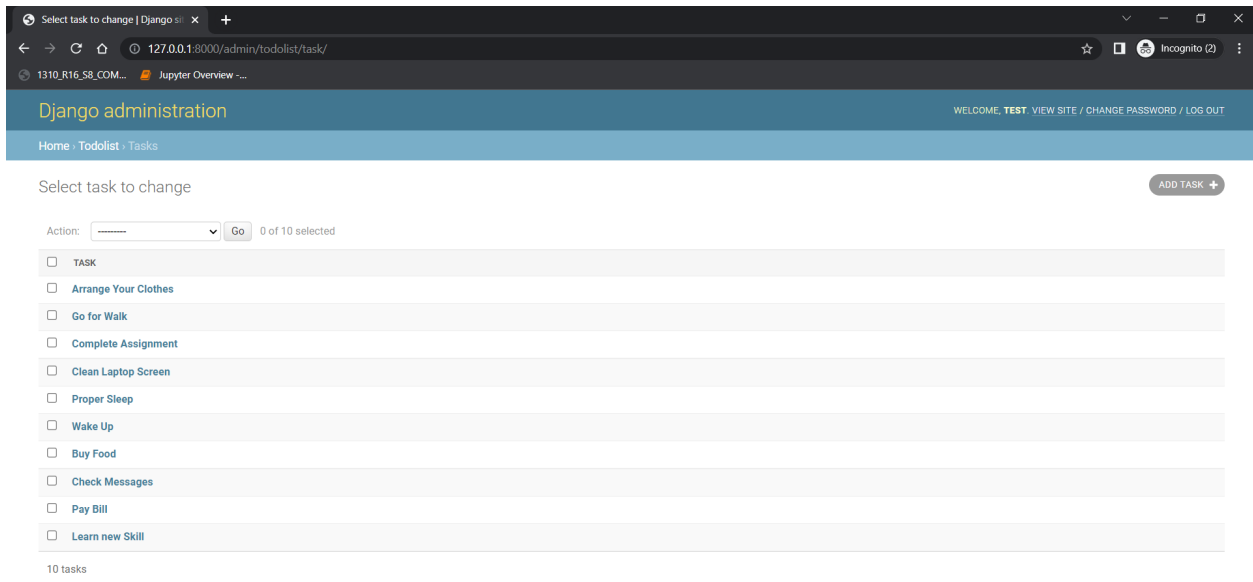
    class Meta:
        ordering = ['complete']
```

### 2) Admin Side of ToDo App - It contains all the Tables and their relations



# ToDo App - Using DJANGO FRAMEWORK

## 3) Data Available in Task Table - It contains all the data of the different users



## 4) Total Users Available are -

4.1 - Admin having Username - **“test”**, Password - **“1”**

4.2 - Normal User having Username - **“Temp”**, Password - **“Temp@123”**

4.3 - Normal User having Username - **“testing”**, Password - **“Test@123”**

