Ahmet Yasin Alp 2015400213

CMPE321 - INTRODUCTION TO DATABASE SYSTEMS PROJECT3 - PROJECT MANAGEMENT SYSTEM

#### 1.Introduction

In this project there is a project management system with two type of users, admin and project manager, who manage projects, tasks and employees.

I use Django for backend, PostgresSql for database. I use raw sql for every database operation. There is an initializer code for database. There is a sql injection protection based on python library(psycopg2).

I create a table NoP for store number of projects that assigned on a project manager.

I create two triggers for updating NoP whenever a new project assign or an assignment delete.

There is 3 pre-defined admin accounts.

First page of web site is localhost:8000/login by default.

#### 2. Interface

Login Page

## Login

User Name:
Password:
Login

Main page when login as admin

### Hello admin1

Add Project Manager   Edit Project Manager   Delete Project Manager			
Add Project   Edit Project   Delete Project			
Add Employee Edit Employee	Delete Employee	List All Employees	
List Projects			
Logout			

### **Project List**

Project Manager Name: ALL

List Projects

# **Project List**

Completed Projects

**Incompleted Projects** 

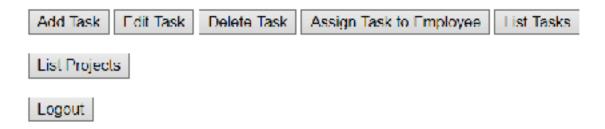
('PROJE3',)

### Add Project Page



Main Page when login as PM

### Hello ali



#### 3. Database



### 4. Conclusion

User interface could be better for usage.