# Project Report

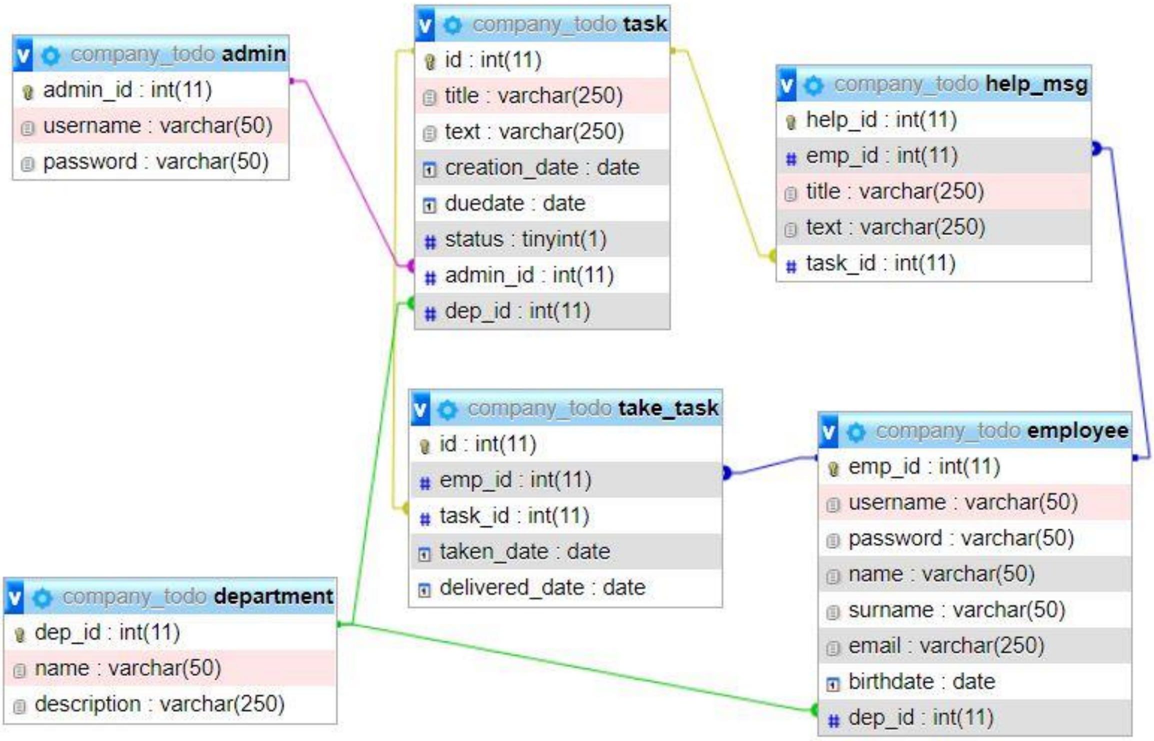
**Project Title:** Company Management System

**Project Definition:** The company management system project is a project that will provide a system for company managers to store information about their company (employees, staff, etc.) and manage it. It will also give them easy access to retrieve this stored information through a user-friendly interface. It will also be used by the company's employees to know the tasks assigned to them by their manager.

**Features:**

- Log-in (employees / admin)
- CRUD departments (admin)
- CRUD employees (admin)
- CRUD admins (admin)
- CRUD tasks (admin)
- Viewing Help Messages (admin)
- Deleting Help Messages (admin)
- Viewing tasks (employee)
- Taking tasks (employee)
- Completing tasks (employee)
- Requesting help (employee)

# Sql Diagram

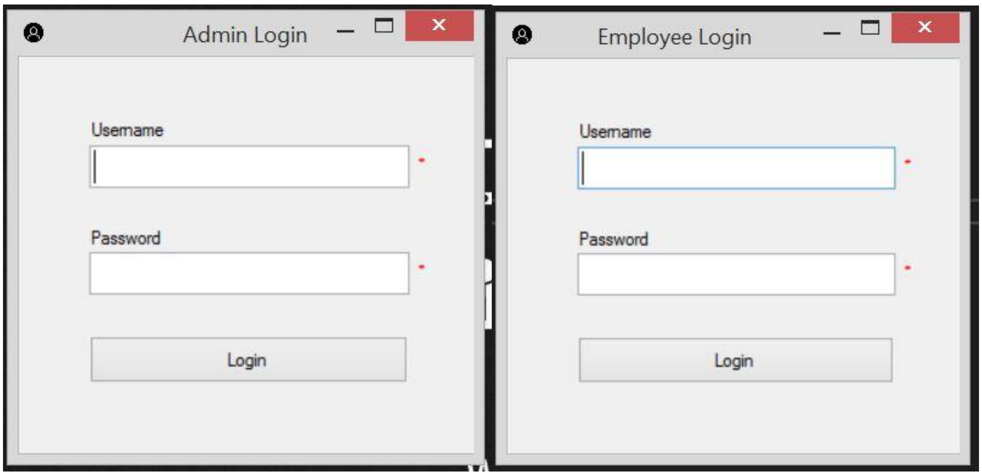


company_todo admin
admin_id : int(11)
username : varchar(50)
password : varchar(50)
company_todo task
id : int(11)
title : varchar(250)
text : varchar(250)
creation_date : date
duedate : date
status : tinyint(1)
admin_id : int(11)
dep_id : int(11)
company_todo help_msg
help_id : int(11)
emp_id : int(11)
title : varchar(250)
text : varchar(250)
task_id : int(11)
company_todo take_task
id : int(11)
emp_id : int(11)
task_id : int(11)
taken_date : date
delivered_date : date
company_todo employee
emp_id : int(11)
username : varchar(50)
password : varchar(50)
name : varchar(50)
surname : varchar(50)
email : varchar(250)
birthdate : date
dep_id : int(11)
company_todo department
dep_id : int(11)
name : varchar(50)
description : varchar(250)

# System Operation

- When we first open the system, the screen where we can choose whether to log in as admin or an employee opens.

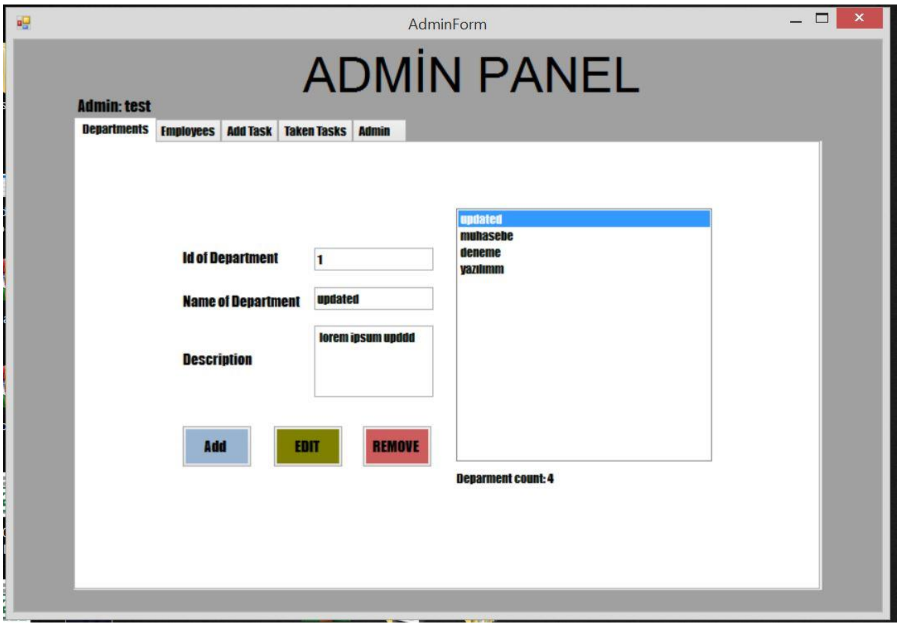

- The login page opens according to the login method you selected.



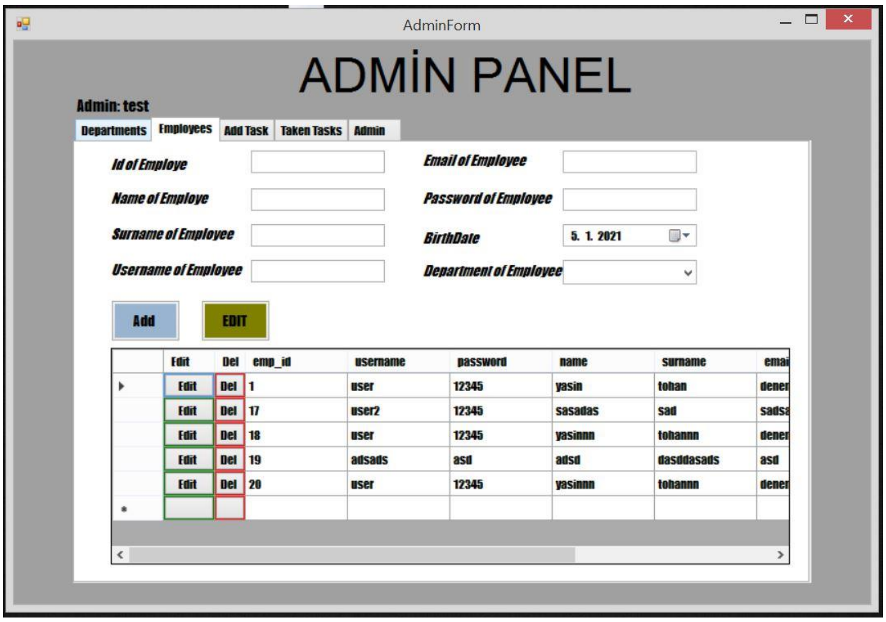
## Admin Panel

In the admin panel, you can see department, employee, task and admin information, add, edit and delete. You can also view the help messages sent by the employees and delete the ones you want from the "Help Messages" tab.

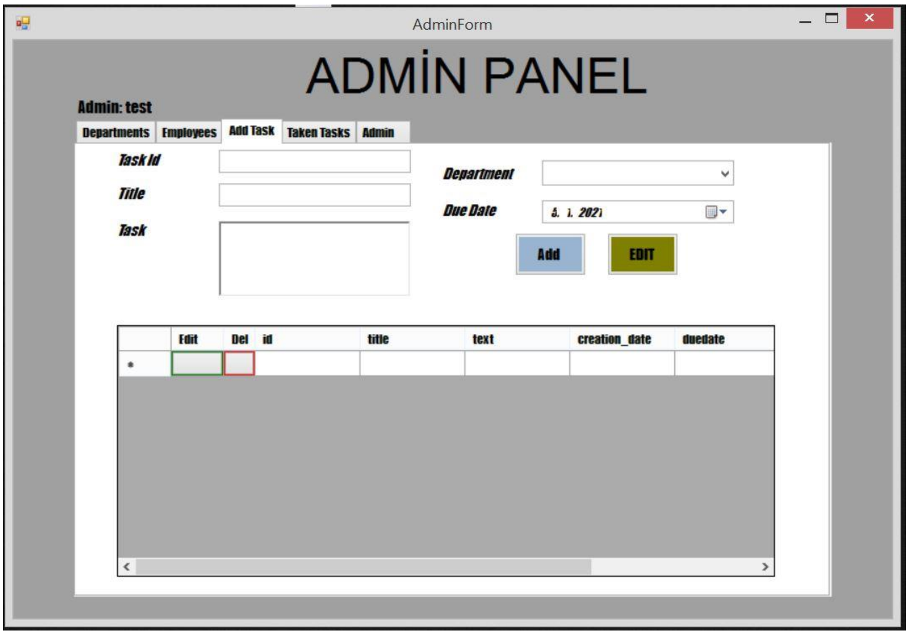
- You can see the departments in the list on the right in the "Departments" tab.
- When you select a department from the list, the required fields are automatically filled and you can delete and update the selected department.
- You can add the department you want with the department id not in the list.



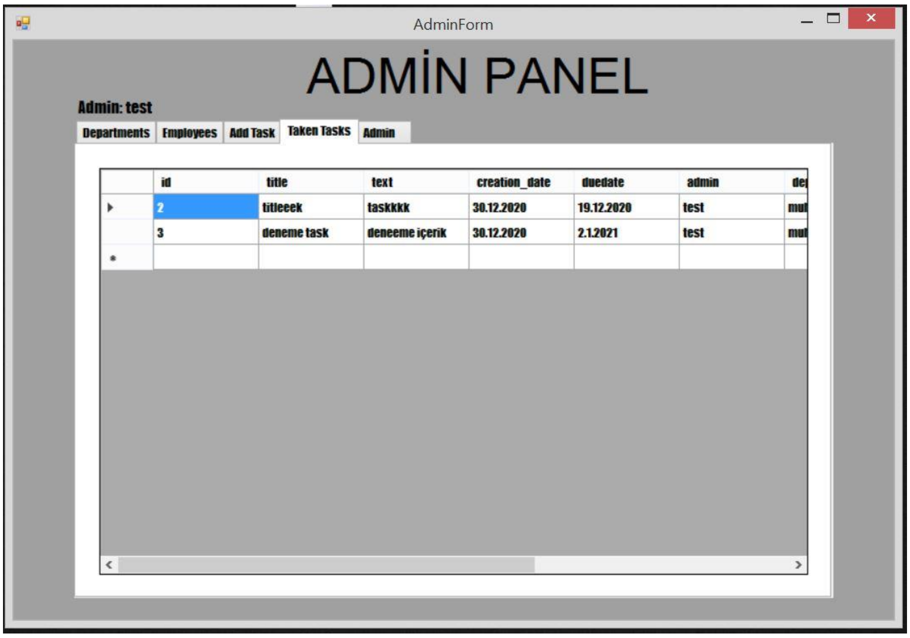

- In the "Employees" tab, you can see the employees registered in the system in the lower section.
- You can delete or update the person you want and add a new person.



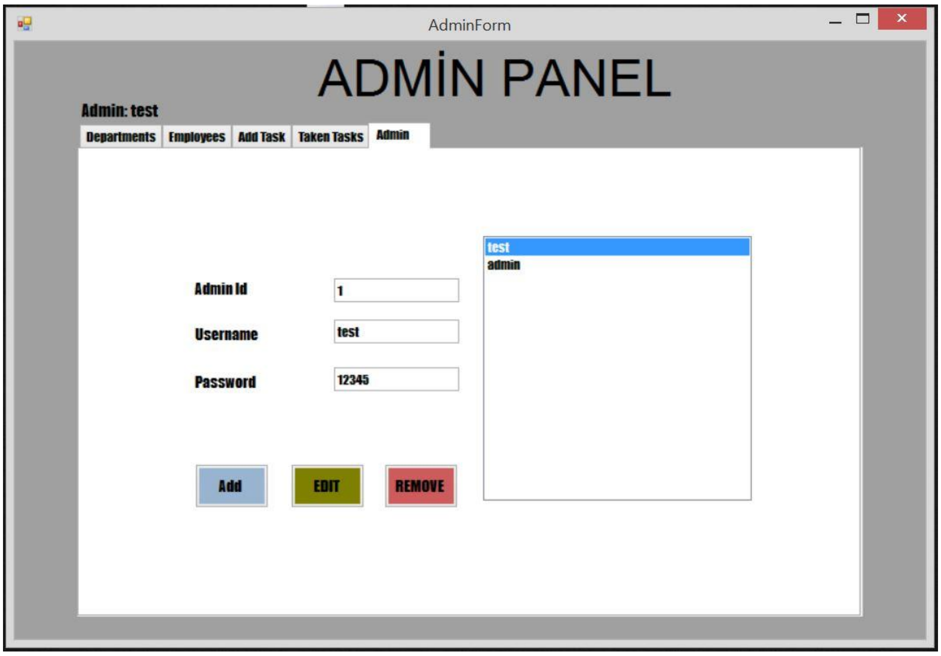
- You can add tasks to the department you want in the "Add Task" tab.
- In the lower section, only the tasks not taken by the employees are listed.
- You can also update tasks that have not yet been taken.



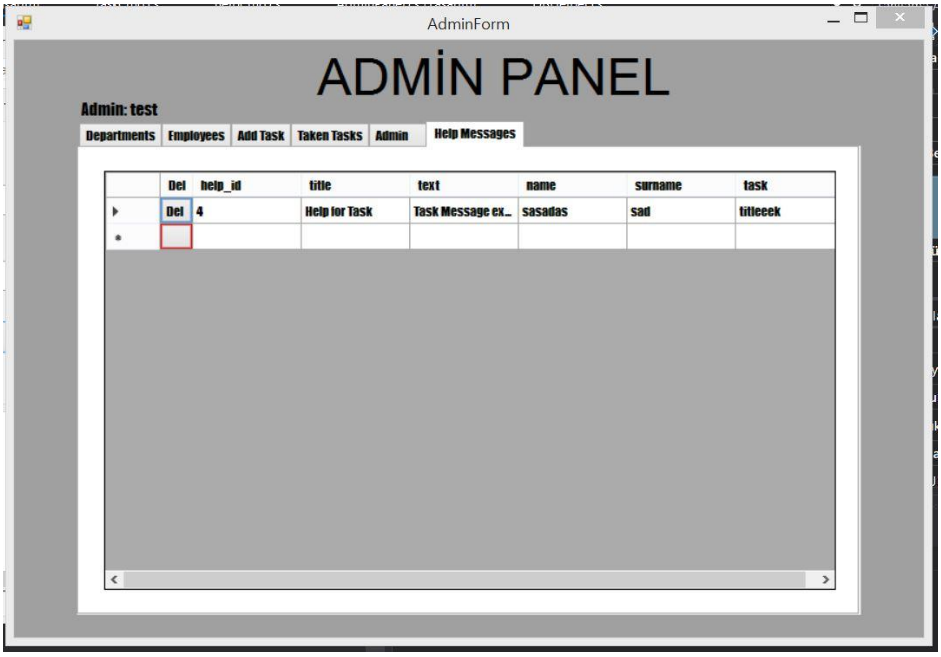

- In the "Taken Tasks" tab, the tasks taken by the employees are listed.
- If the received tasks are completed, you can see their completion date in the list.



- In the "Admin" tab, you can view the admins registered to the system and add new admins to the system.



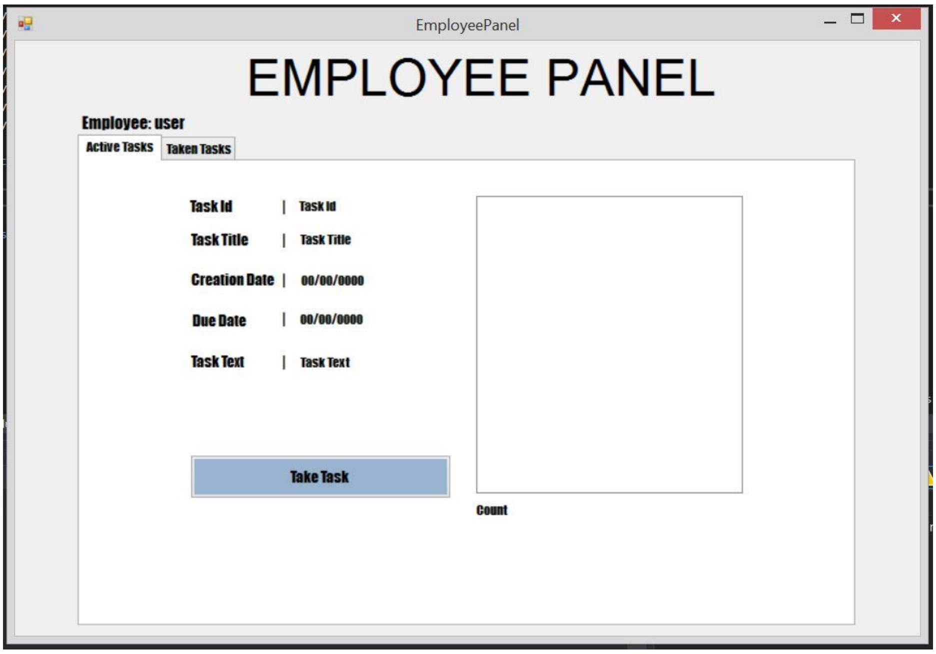

- In the "Help Messages" tab, you can see the help messages sent by the employees regarding the tasks they took.
- You can also delete the message you want.



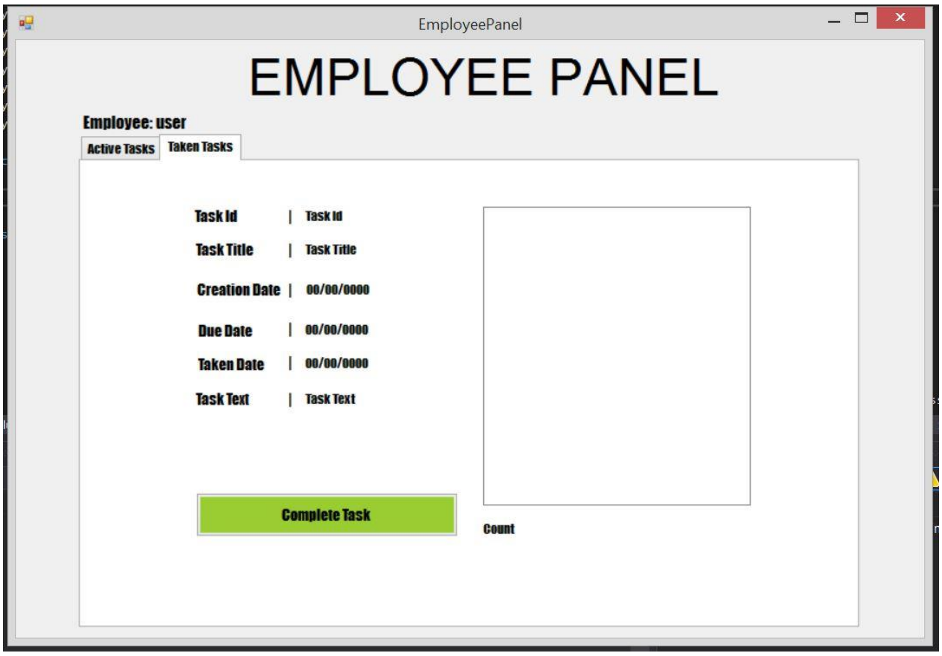
## Employee Panel

On the employee page, you can see the tasks assigned to the department you are registered in, choose one of these tasks, and request help with the task you selected.

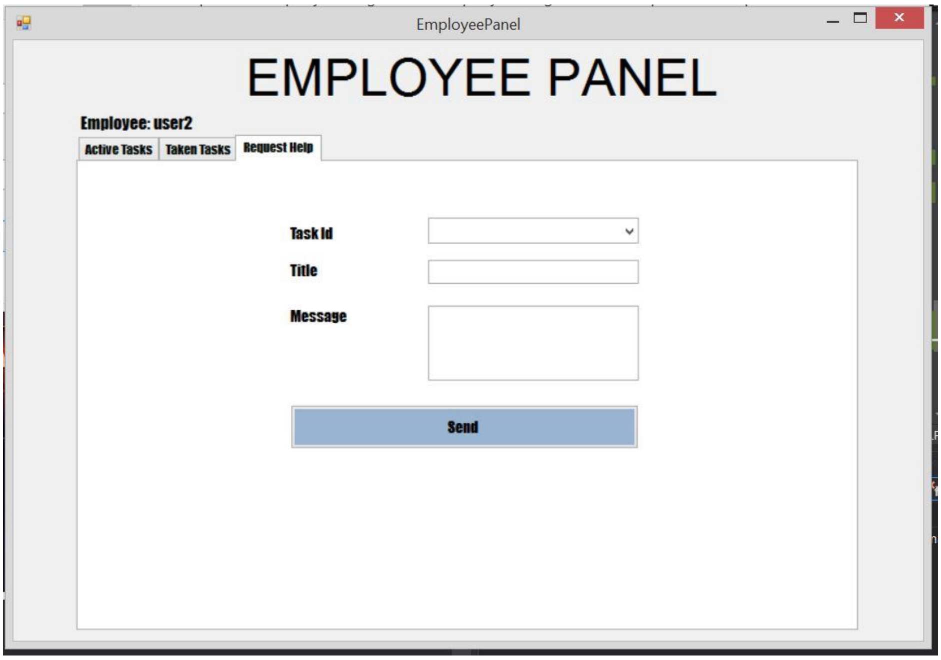
- In the "Active Tasks" tab, you can see the tasks assigned to your department.
- You can get the task by selecting the task you want from the list and clicking the "Take Task" button.




- In the "Taken Tasks" tab you can see the tasks you have received.
- When you complete the task, it is enough to select the task from the list and click the "Complete Task" button.



- In the "Request Help" tab, you can send help messages about the tasks you have received.



# Project Setup

- You can install the project by entering the server information that we imported our database into in the "DBHelper.cs" class.

```
static string host = "localhost";
static string database = "company_todo";
static string userDB = "root";
static string password = "";
```

## Local Setup

- Step-1 We open the **xampp** application and run the **Apache and MySQL** local server.
- Step-2 We create our database by entering the **“localhost/phpmyadmin”** page from our browser, pressing the new button and entering our database name.
- Step-3 After entering the database we created, we enter the **"import"** tab. After selecting the sql file of our project from our computer, we complete the import.
- Step-4 We set up the project by entering the server information from which we imported our database into the "DBHelper.cs" class.