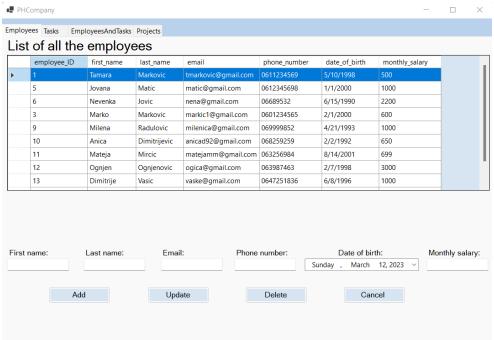# Prime Holding Internship 2023.1

A set up guide

1. Clone repository from this link

https://github.com/TijanaTanaskovic/PHInternshipProject.git

2. First you need a MySQL(5.0 and above) server running in the background.

3. Make sure you make a database with this exact name: phinternship. Need to import database file (phinternship_final) from github repository provided by the link into that exact database.

4. Make sure that your connection string is alike, maybe you need to change this settings in line 27 in file Employee.cs:

```
"datasource=127.0.0.1;port=3306;username=root;password=;database=phinternship; SSL Mode = None";
```

5. Make sure you have proper Visual Studio IDE install.

6. Make sure you have right SDK installed. Project will run on and it's written for netcoreapp3.1.

7. Click and open .sln file from the root of the directory.

8. Click on button run to run the project.

9. If you do everything right this is what you are expected to see:

A folder structure overview

This project is written in WinForms framework using WinForm framework. So structure of the project follows the pattern of a basic WinForm application. Whole Desktop application in written in one specific file called Employee.cs. Each method in Employee.cs follows the functionalities of the entities that are implemented with some additional check-up methods. Design is made simply by choosing components from the toolbox and making sure that the properties are to out liking. Code for that is automatically implemented into the Employee.Designer.cs file. The data used in this application are stored in an SQL database.

A description of the additional functionalities

When it comes to additional functionalities, there were many options because entities and tasks are broad concepts. I have chosen new entity project, because I think that, when it comes to tasks, it is important to have information about projects since projects are composed of tasks. Keeping track of the number of tasks for each project can be useful for a broader project and employee statistics. Regarding meaningful statistics, a display of projects with the total number of tasks has been added, and concerning functionality, a search option for projects by ID, name and description has been added.

Additional information:
-this app is pretty intuitive for use, but by clicking add, update and delete buttons you can read in the pop up message how to use that options.
-cancel button is there to help and delete everything from textboxes (bring everything in the starting position).

Tijana Tanasković