

Dev Incubator



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Hi, dear friend!

We are glad to see you in the '**Dev Incubator Management System**' project or more briefly is **DIMS**! From this moment, you are a member of a great development team. Happy code!

What is the DIMS?

In the few words, it is a system for getting tasks and tracking time. There are several user roles in the DIMS:

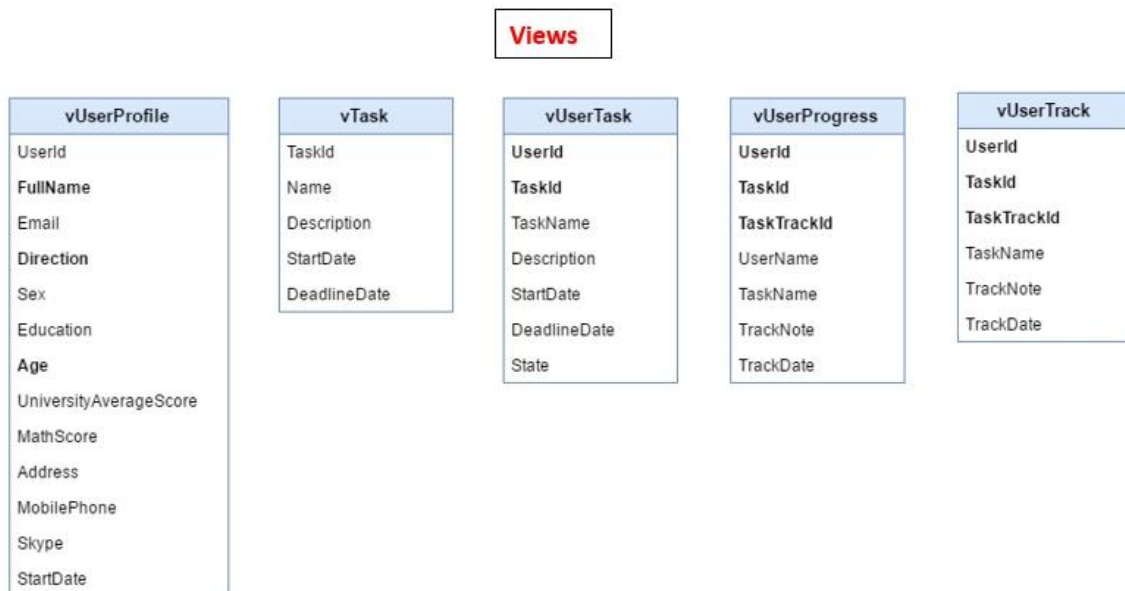
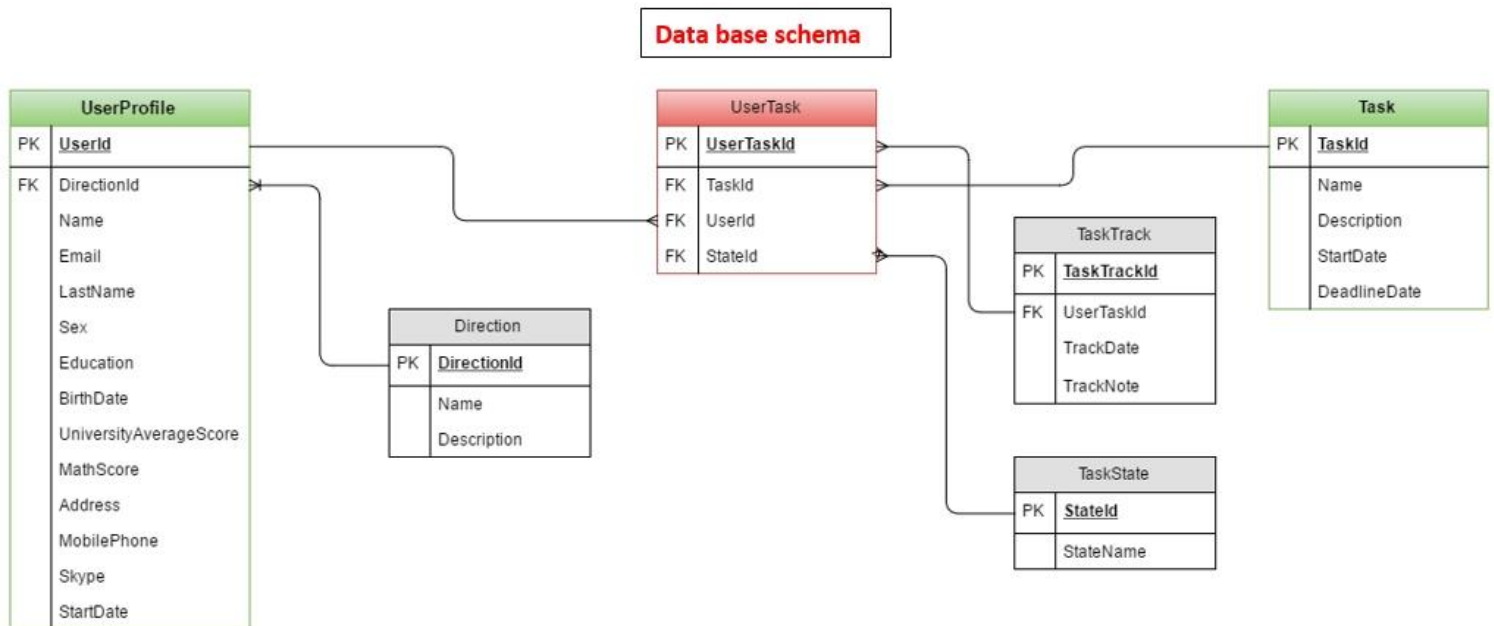
- The first one is **Admin**.
- The second one is the **Mentor**.
- The lat one is the **Member**. It's just like you.

What can the roles do?

| Actions | Admin | Mentor | Member |
|--|-------|--------|--------|
| Watch the Member's Manage Grid | + | + | - |
| Add, edit, and delete a member on Member's Manage Grid | + | - | - |
| Watch the Member's Progress grid | + | + | - |
| Watch the Tasks Manage Grid | + | + | - |
| Add, edit, and delete a New task | + | + | - |
| Watch the Member's Task Manage grid | + | + | + |
| Set the Member task's state as Success or Fail | + | + | - |
| Watch the Subtasks Manage Grid of the current Task | - | - | + |
| Add, edit, and delete a Subtasks of the current Task | - | - | + |

Project db-schema

The DIMS db-schema is based on standard relational database mode. There are 6 tables, 5 views, and 5 procedures.



The minimum system requirements:

Hardware:

- CPU: Intel Core i3 dual 2.2 GHz and high
- RAM: 4 GB +
- 30 GB free space on HDD or SSD

Software:

- Windows 10
- Visual Studio
- MS SQL Server
- Management Studio
- Git

Useful links:

1. Microsoft SQL Server 2012 A Beginners Guide 5 <https://www.amazon.com/Microsoft-Server-2012-Beginners-Guide/dp/0071761608>
2. C# 6.0 and the .NET 4.6 Framework <https://www.apress.com/la/book/9781484213339>
3. Pro ASP.NET MVC 5 <https://www.apress.com/us/book/9781430265290>
4. MVC5-fundamentals <https://app.pluralsight.com/library/courses/aspdotnet-mvc5-fundamentals/table-of-contents>