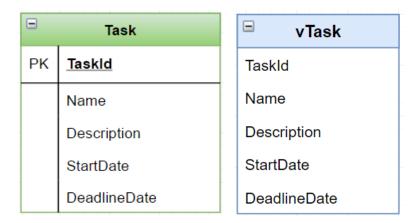# DevIncubator Management System

Development Track #2

1st week: You should create the **Task** table with all needed constrains (remember! you must use only the table level constraints, not the column level). And you need to implement the **vTask**.
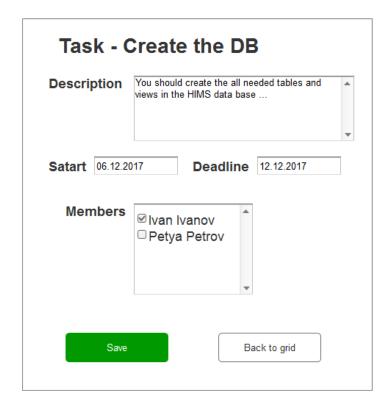
Task		vTask
PK	**TaskId**	TaskId
	Name	Name
	Description	Description
	StartDate	StartDate
	DeadlineDate	DeadlineDate

Also you should to create the **DeleteTask** procedure, which takes the TaskId as an input parameter and delete the Task entry.

2nd week: After creating all needed data base objects, you should refresh the Application Entity model by use the LLBLGen (please, look the Development Workflow). Remember! The SQL Views don't have PKs, but Entity Framework requires the ones. You need to set the PK for your View manually. After that you should implement the Repositories for your Entries and add this ones to the UnitOfWork.

3rd week: Please, look your piece of the UI very attentively. As you can see, this is a simple grid with typical CRUD actions. You need to implement the Task Data Transfer Object. As you can see on the Create/Edit page there is the checkboxes list with all available members. The admin can choose all needed members. When you add a new Task record you should add UserIds with TaskId to the **UserTask** table in State equals Active. If the UserTask table and the TaskState table haven't implemented yet, and there aren't a partner which must make this, you should implemented their by yourself.

4th and 5th weeks: You should implement the TaskController with all needed actions, ViewModels, and Views. Look at existing SampleController, and do the same. The Create/Edit pages look similar, but Detail page needs to be as a read-only version.

6th week: Test your area of responsibility very intensively and fix all bugs which will you get. Your part of application doesn't have a lot of dependencies from another parts, and you can work very freely. After this week you should provide a video demo with description of business logic of your part on English, of course.