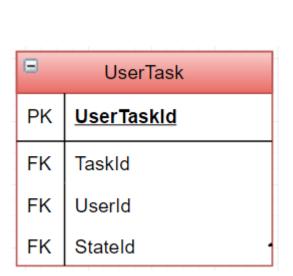# DevIncubator Management System

Development Track #4

1st week: You should create the UserTask table with all needed constrains (remember! you must use only the table level constraints, not the column level).

And you should implement the UserProgress view. There are several joins across the UserProfile, and the UserTask, and the TaskTrack tables.

Important note: all Foreign Keys constraints must be as ON CASCADE DETELE / UPDATE.

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 UserProgress Data Transfer Object.

Ivan's progress:

#	Task	Note	Date
1	Create the DB	Implemented the TaskState table	12.12.2017
2	Create the DB	Created the Mamber view	13.12.2017
3	Implement the procs	Implemented the calc progress proc	15.12.2017

4th and 5th weeks: You should implement the UserProgressController with all needed actions, ViewModels, and Views. Look at existing SampleController, and do the same. The Task's Names which are linkable must open the Task Detail page. If this page hasn't been implemented yet simple create this links without particular paths. When your partners make their piece of work, you will add all needed links.

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.