**Details**

Web API Name: TMS

Database Name: TaskDatabase

Swagger page: <https://localhost:5001/swagger/index.html>

Framework: .NET Core 3.1

**Overview**

This is a microservice for a simple Task Management System. TMS contains information about tasks. A task can contain one or more subtasks. TMS connects to the TaskDatabase included in the zip file. TMS can retrieve an excel report with a list of all tasks (filtered by StartDate and FinishDate), retrieve a single task, add a new task, update an existing task and delete a task. On updating a task, the state of a task is set to InProgress, Completed or Planned depending on the State of a task’s subtask.

The API has a swagger implementation. The database contains two tables, with the Task entity having a one to many relationship with the SubTask entity.