## Project name:

Project name: TODO – List

## Team name:

Team 2

## Team members [names]:

Boris Milenski, Nikolay Iliev, Tomas Nikolov

## Link to the repositories [one or more]:

<https://github.com/BorisMilenski/To-Do-List/tree/master>

## Used technologies:

Java, MySQL, GitHub

## Basic description of the project [purpose of the project]:

The project aims to assist in day-to-day task management by providing an easy-to-use list, where users can note down what they have to do.

## Basic architecture of the project [details about different]:

* The front-end app has a console interface, which is used to facilitate user interaction with the server
* The back-end server is able to manage several clients by multithreading. All user data is stored in the database, which is accessed and modified by synchronized methods to avoid memory inconsistencies.
* The app uses a relational database, which is hosted on a local MySQL server.

|  |  |
| --- | --- |
| Class diagrams | |
|  | |
|  |  |
|  | |
| ***An overview of the class hierarchy and detailed class diagrams per package*** | |
| Database Structure | |
|  | |
| ***ER-diagram of the database*** | |

## Link to the database script:

## <https://github.com/BorisMilenski/To-Do-List/blob/master/Database%20script%20with%20users>

## Link to the readme file:

## <https://github.com/BorisMilenski/To-Do-List/blob/master/README.md>

## Features: [describe different functionalities implemented in the project]:

Add/Remove/Editing of tasks – user is able to add, remove or edit the tasks

Tasks can be set as completed and viewed separately

Prioritizing the tasks – user is able to prioritizes the task with low, medium or high priority

User management – the user can create a new account/login into an existing account, where all of their tasks are available