To-do list

You are requested to write a system that helps users view and manage their on-going tasks. |
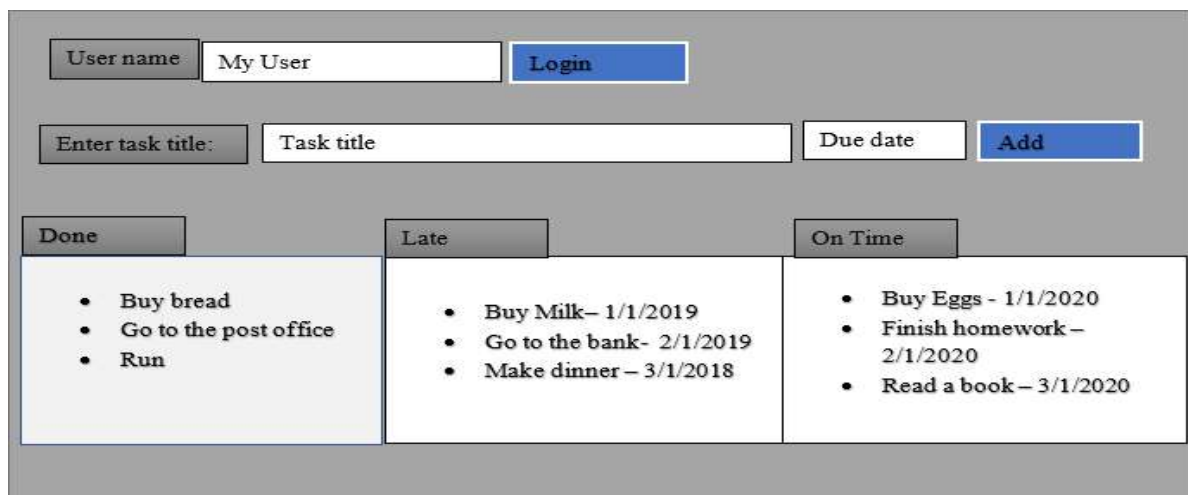
As a user of the system you can perform the following:

- Identify yourself to the system.
- Add a Task with due date.
- Mark a task as done.

The user will see only his tasks arranged in the following manner:

- All done tasks
- Late tasks which are not done
- On time tasks

Application wireframe: *this is only a suggestion to clarify the functionally. Any other application design is welcomed*

Assumptions:

- It is not a **must** to consider security issues or user management – users can pre-exist in the system and by entering a username that exists you will identify yourself.
- You are required to write the frontend application using Angular (2+) unless mentioned otherwise.
- You are required to write a restful API preferably using .NET core (Web API) unless mentioned otherwise.
- It is not a **must** but "Dockerizing" the client & server could be a huge bonus.
- Database access can be any ORM (EF Core/NHibernate or any of your choice)
- Emphasise of this test is on proper architecture and design.
  Application does not have to run (although it would be nice if it would 😊)
- Task should be handed over within 4 hours from receiving.

Good luck!