

To-do list

You are required to create a system that helps users view and manage their on-going tasks.

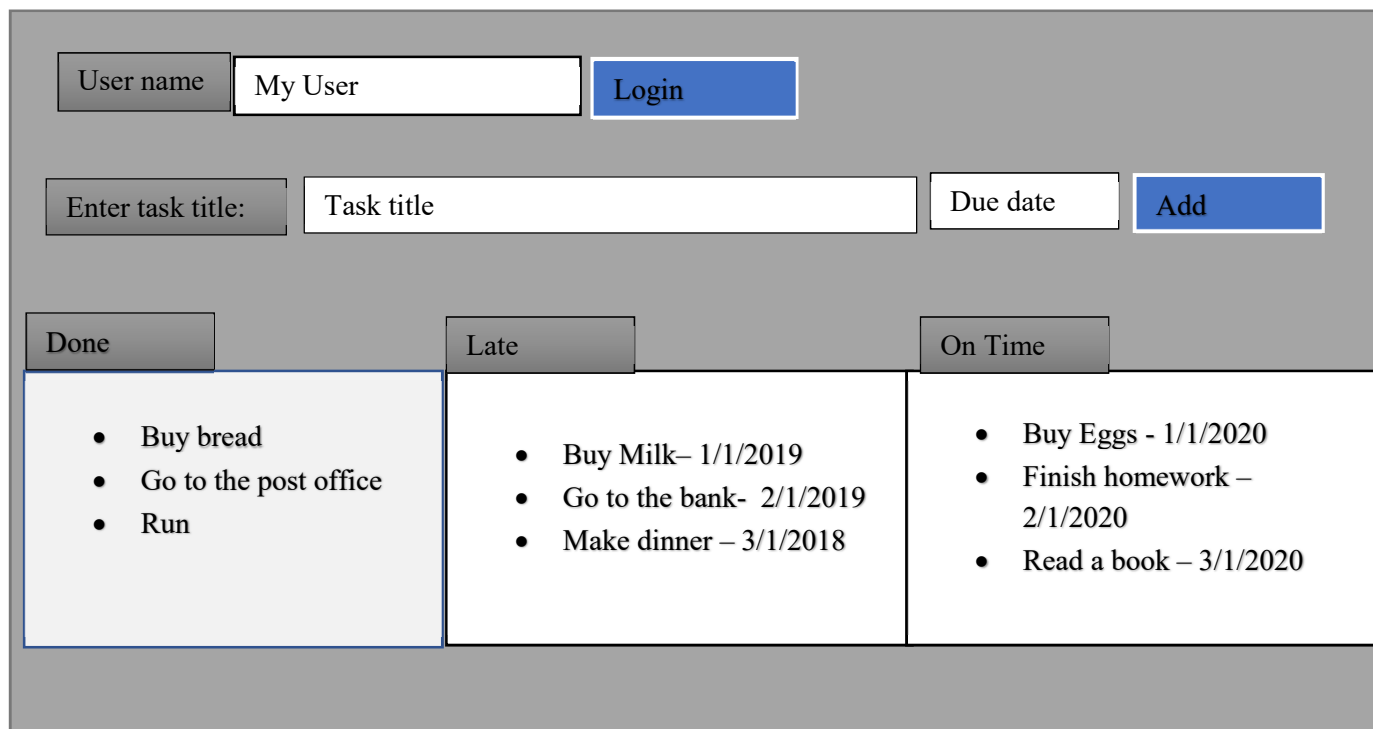
As a user of the system you can perform the following:

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

The user will see only his tasks arrange 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 functionality. Any other application design is welcomed*



The wireframe shows a user interface for a To-do list application. It includes a login section with a 'User name' label, a text input field containing 'My User', and a blue 'Login' button. Below this is a task addition section with a label 'Enter task title:', a text input field containing 'Task title', a 'Due date' label, and a blue 'Add' button. At the bottom, there are three columns representing different task statuses: 'Done', 'Late', and 'On Time'. Each column has a header and a list of tasks. The 'Done' column lists 'Buy bread', 'Go to the post office', and 'Run'. The 'Late' column lists 'Buy Milk- 1/1/2019', 'Go to the bank- 2/1/2019', and 'Make dinner - 3/1/2018'. The 'On Time' column lists 'Buy Eggs - 1/1/2020', 'Finish homework - 2/1/2020', and 'Read a book - 3/1/2020'.

Done	Late	On Time
<ul style="list-style-type: none">• Buy bread• Go to the post office• Run	<ul style="list-style-type: none">• Buy Milk- 1/1/2019• Go to the bank- 2/1/2019• Make dinner - 3/1/2018	<ul style="list-style-type: none">• Buy Eggs - 1/1/2020• Finish homework - 2/1/2020• Read a book - 3/1/2020

Assumptions:

- No need to write security or user management – users are pre-existing in the system and you just need to enter your name to be identified.
- You may use any front/back end technology you want (Rest/wcf/remoting... WPF/WinForms/asp/react/angular). Server-side code has to be written in .Net.
- Database access could be entity framework/ado/dataset
- Emphasise of this test is on proper architecture and design. Application does not have to run (although it would be nice if it did 😊)