Amazing TODO app

Grzegorz Witkowski

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Spis treści

1   Project description

Amazing ToDo app is a .NET web application which allows users to create their own "ToDo" list. They can organize their day and establish an order of the tasks during the day.

It is the best way to improve you productivity and make more during the day. With this app you can limit time which you lose on planning the day during it. You can plan the day one day before, and just do your tasks according to the list, which have you made.

In project we got three different models of data:

1. ToDoModel, which includes:

   - Id which is the primary, unique key of item.
   - Category of todo item e.g. workout, work etc.
   - ToDo item name which informs user about what he should do e.g. "make a dinner", "go to the gymętc.

2. ContactModel, which includes:

   - Id, which is the primary, unique key of item.
   - Content, which is the message user wants to leave for app creator.

3. PrivacyPolicyModel, which includes:

   - Id which is the primary, unique key of item.
   - Content, which is the content of point of list privacy policy list

4. TutorialModel, which includes:

   - Id which is the primary, unique key of item.
   - Content, which is single step of tutorial

User which is using Amazing ToDo app, according to CRUD, can:

1. CREATE
   User can create his own ToDo list by adding single items to his/her list

2. READ
   User can read his ToDo list and see what he already added to it.

3. UPDATE
   User can update ToDo item which he added in case of mistake or something

4. DELETE
   User can delete ToDo item which he added in case of it's done or it's unable/unnecessary to be done

2   Motivation and purpose

My main motivation was positive degree from Mgr. Filip Postępski from the subject of programming in .NET language.

Second motivation is to learn something new and see how .NET works and how is it like to be a .NET programmer.

3   Lead time

Whole project took me about 6-8 hours. The most of time I spend on learning how .NET mechanics works.

Start time: 10.05.2022r.
End time: 18.05.2022r.

Additionally, I spent 2 hours at making this project document, because I had to learn how to use LaTeX again

4   Team members

Grzegorz Witkowski – Project Leader, .NET Developer, UX designer, Database designer, Manual Tester.

5   Definition of done

Project is considered to be done, when all the design assumptions have been met.
That's mean project has:

1. Main feature - ToDo list ToDo list should contain:

   - Adding tasks to list
   - Removing tasks
   - Updating tasks
   - Getting tasks

2. Contact page which allows user to send message to the author of page

3. Privacy policy page

4. Tutorial page

5. Layout

   - Header
   - Main part of website
   - Footer

6. Project documentation

6   Milestones

1. Web app design
   In this milestone the main task is to design the views of the page as user friendly as it is possible.

2. Initial config
   In this milestone the main task is to set up the basic project in .NET, configure the Visual Code Studio to write C# code and install necessary software to use SQLite database.

3. MVP (Minimum viable project)
   In this milestone I wanted to delivery the minimal project with only working ToDo list to make app usable.

4. Product delivery
   This is the last milestone. It assumes delivering fully consistent with the assumptions project.

7   Technological stack

1. SQlite as a database of the project

2. .NET as the main language of the project

3. Bootstrap as the main source of styling in project

4. VSC as the main code editor