

To-Dog List

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Description

To-Dog List is a to-do list app that helps users manage what tasks they need to work on and what they've already completed. To provide motivation to finish tasks, they are provided with a random picture of a dog for every task they complete.



Features

- User registration and login
- Logged-in users can see and manage only tasks they've created
- Displays random dog pictures from DogCEO API upon task completion



Planning - User Stories

- Users can create an account and log in
- Logged-in users can see their to-do list, with completed tasks crossed off
- Logged-in users can add new tasks to their list
- Logged-in users can delete tasks when they no longer need them
- Logged-in users will be presented with a random dog picture for every task they mark as complete



Planning - Database

- aspnetusers - connected to ToDogListUser class, stores user information like name, email, password hash, and ID
- todoitems - connected to ToDoItem class, stores ID, name, completion status, and UserId of the user that created it



Technology Stack

- C#
- .NET Core
- ASP.NET Core Web App (MVC)
- MySQL
- Bootstrap



Demo



What I Learned

- Customizing ASP.NET Core Identity
- Connecting to an API
- Bootstrap



What's Next

- Store already shown dog pictures to prevent repeats and so users can look back at which dogs they've "collected"
- Send task suggestions to other users - for families, roommates, coworkers, etc.
- Add third-party authentication
- Improve the UI - move away from the default ASP.NET template

