

moodi

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Description

There are a plethora of mindfulness, mood tracking, and journaling apps on the market; moodi is different because it combines all three features in a simple interface that is enjoyable to use and solves a meaningful problem.



Features

- Create an individual user account with a unique username
- Create and save daily reports where a user can indicate a mood, rate its intensity, and write a journal entry
- Recommend a relevant mindfulness practice based on the daily report



Planning - User Stories

As a user, I want to be able to select my mood for the day, so I can track moods throughout the week/month.

- This is a primary user story because it is the first thing a user will do after logging in. It also gives a rough idea of what the app needs to do: display a form with a list of moods for the user to select, and then save that data in relation to the user

As a user, I want to be recommended a meditation based on the information I provided, so I have a way to work through my emotions/thoughts on a daily basis.

- This is another primary user story because it is the feature designed to set moodi apart from other journaling apps. Additionally, it gives us the next step our app needs to complete: retrieve user data, identify what mood has been selected, and retrieve then display the corresponding meditation



Planning - Database

DailyReports Table

- This is the primary table that stores DailyReport objects and holds the mood, journal, and meditation data. It has a UserID field which links it to the user. I use a one-to-many relationship between the user and daily reports

Moods Table & Meditations Table

- I used seed data to populate these. The DailyReport object holds a MoodID, which is how a mood is accessed. Each mood has a corresponding meditation with the same ID. This is a one-to-one relationship



Technology Stack

- Language
 - C#/.NET Core
- Framework
 - MVC (Model-View-Controller)
- Template engine
 - Bootstrap 4
- Database engine
 - Entity Framework Core



Demo



What I Learned

- Became familiar with Bootstrap
- Became familiar with the Identity class and extending it to create custom user profiles
- Became familiar with data annotations
- Became comfortable using MVC framework and C# in general
- Learned about the software development life cycle and Agile workflow



What's Next

- Using the Microsoft Identity documentation, I hope to incorporate more personalized user settings like different color schemes, uploading a profile photo, and adding other users as friends
- I want to continue to familiarize myself with bootstrap through documentation and hands-on learning, and incorporate new fonts/layouts to enhance the user experience
- I am going to learn how to use APIs to incorporate linking an account to other applications the user might have (Twitter, Google, etc) so they are able to login through those services and post mindfulness practices they have completed from within the app

