

Bottle Cap Logger

Logging Software
by *Daulton Nelson*





"Cap off your collection!"

Bottle Cap Logger is a basic logging software that allows users to log their collected beer bottle caps. The purpose of this project is to utilize my learned WPF C# skills and MVVM knowledge to make a custom UI application. In this application, the User will add caps to their log, and view the result. The logging will be saved so that the next time the user opens the application, their progress should be there.



Mechanics

- **Start Screen**

- Loads created users
- User can pick existing profile
- User can create a new profile
- Close and quite program

- **Add New User**

- User gives non-empty First Name
- User gives non-empty Last Name
- User gives valid DOB
- User gives DOB that is 21 years or older
- User clicks button to create profile

- **Data Table**

- User can view added caps
- User can sort caps with columns
- User can scroll through caps
- User can create a new cap
- User's added caps are loaded into Data Table

- **Add New Cap**

- User gives valid Cap information
- User presses button to create new cap

Visualizations: Beer Caps



- Primary Color
- Secondary Color
- Brand
- Cap Image
- Under Cap Message
- Date Acquired
- Cap Quality



Visualizations: Start Screen

Beer Cap Collector

Pick User

or

Create New Profile



Start Here

by Daulton Nelson

Visualizations: Add New User Profile


Add User

First Name

Last Name

Date of Birth

Add User



[illegible]

Visualizations: Add New Cap Window

Add New Cap

<i>Brand</i>	<i>Primary Color</i>
<input type="text" value="v"/>	--
<i>Image</i>	<i>Secondary Color</i>
<input type="text" value="v"/>	--
<i>Quality</i>	<i>Under-Cap Message</i>
<input type="text" value="v"/>	<input type="text"/>
<i>Date Acquired</i>	<input type="button" value="Create Cap"/>
<input type="text"/>	

Staff & Resources

- **IDE**
 - Visual Studio
- **MVVM Framework**
 - Caliburn Micro
- **Image Editor**
 - GIMP
- **Version Control/Project Manager**
 - Github



Daulton Nelson

Project Lead / Programmer / Asset
Creation



Target Audience

- > 21 Year old American who can consume Alcohol
- Bottle Cap Enthusiasts
- Logging Enthusiasts
- Industry buyers looking for Logging Software



Timeline

- Development Start
 - 12 - 6 - 2020
- Development Update #1
 - 12 - 13 - 2020
- Development Update #2
 - 12 - 20 - 2020
- Estimated Development Completion Date
 - 12 - 27 - 2020