Team Project Milestone 1

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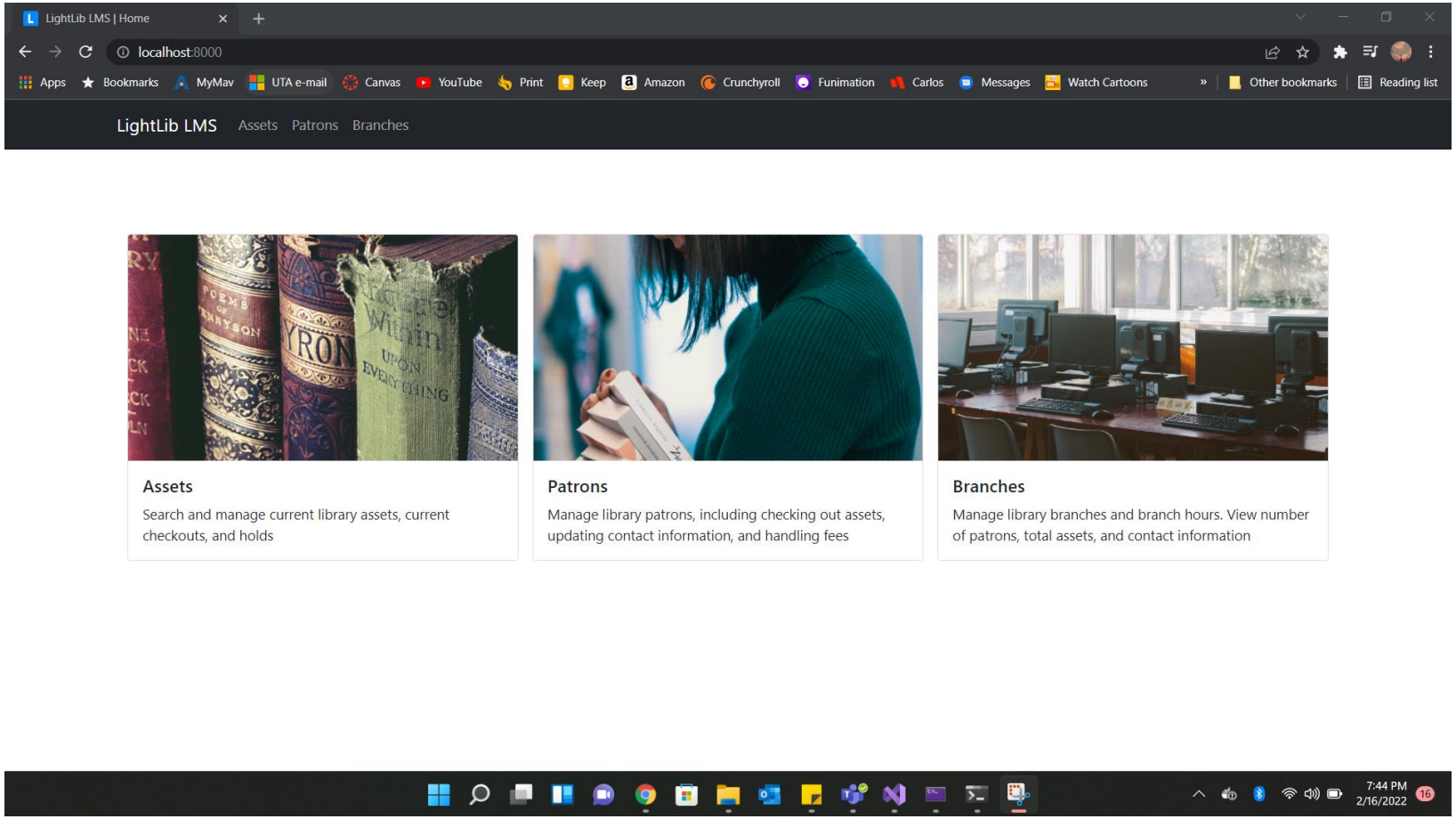
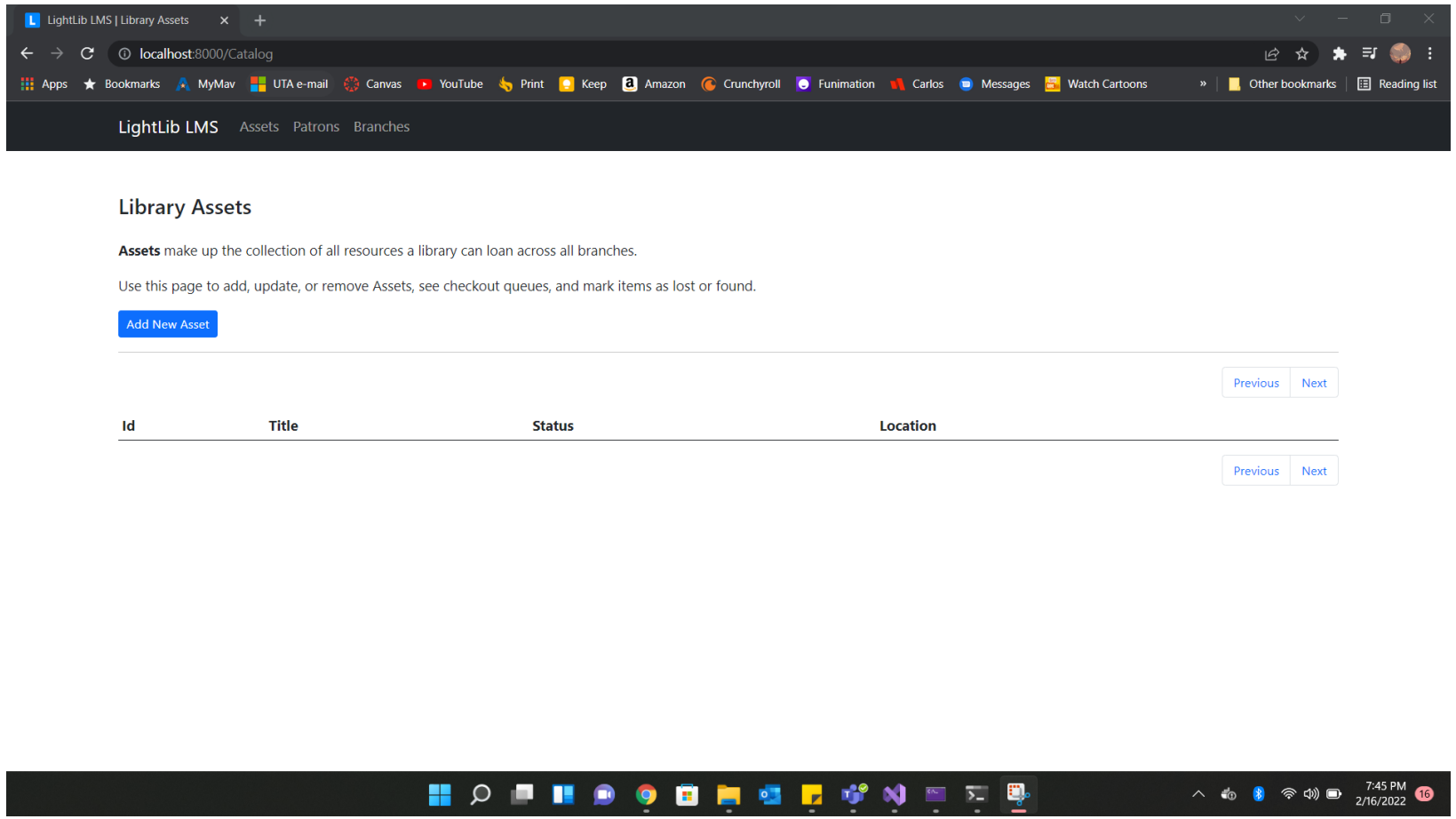
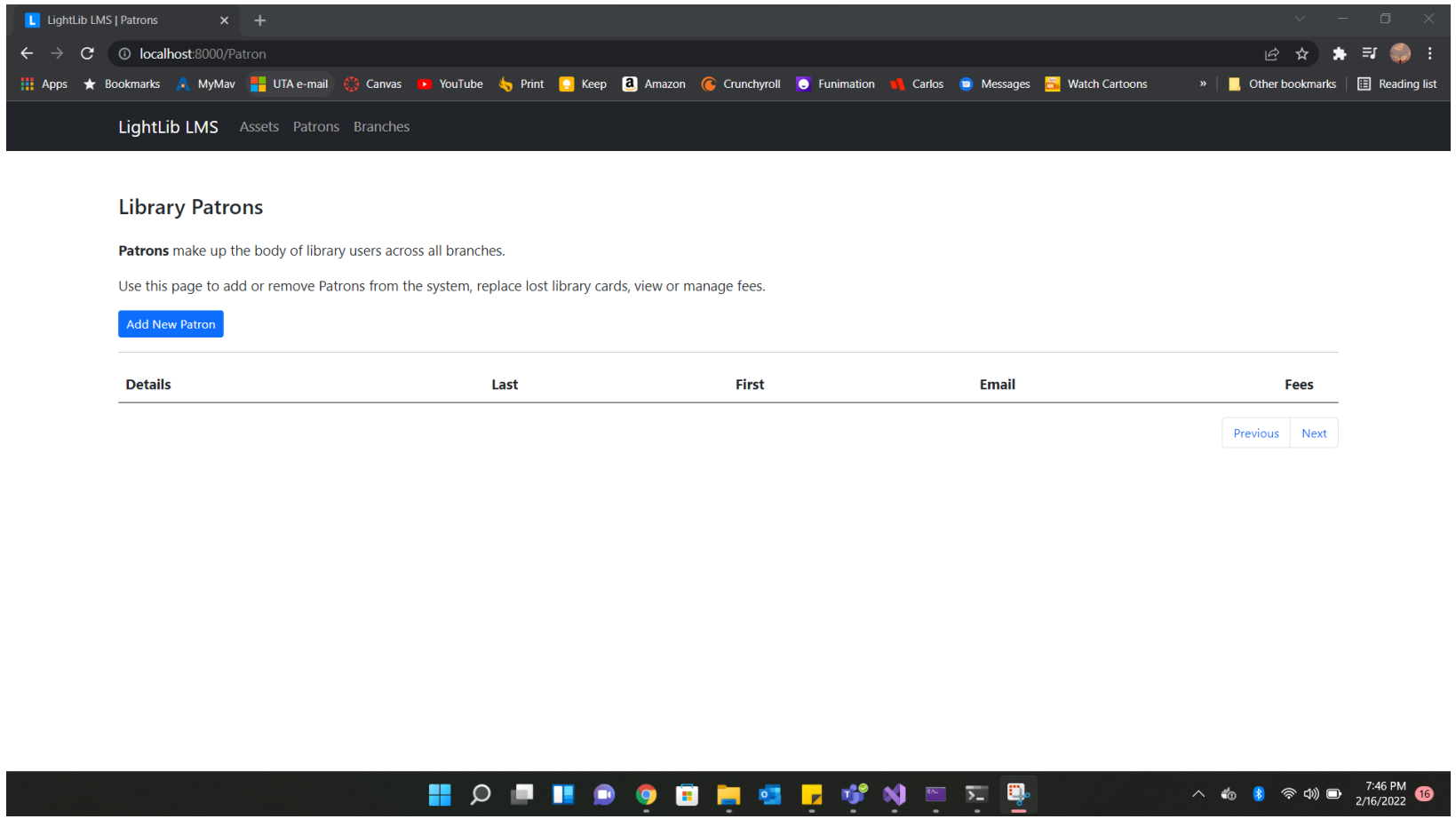
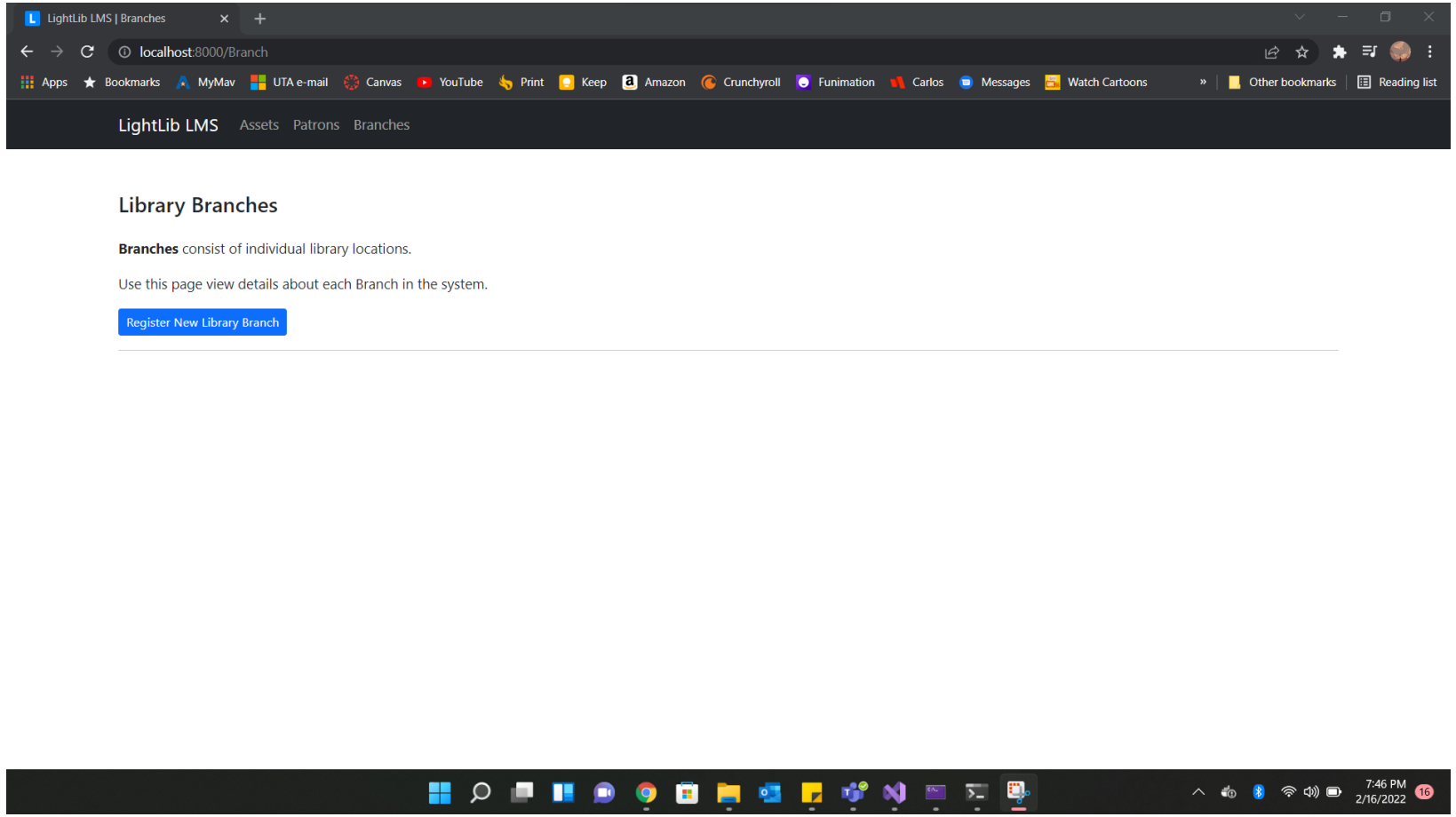
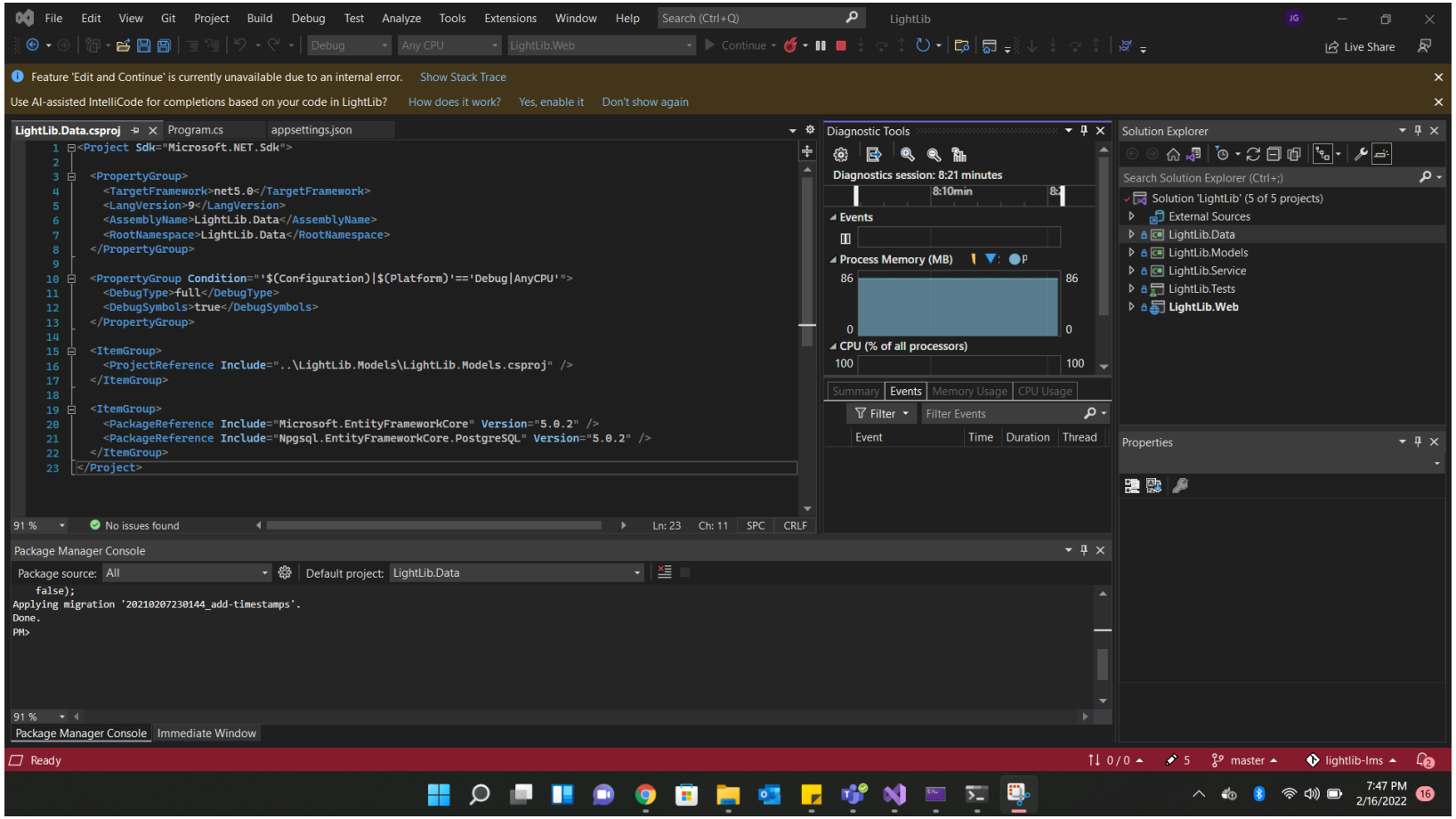
Task 1:


LightLib LMS | Home
localhost:8000
Apps
Bookmarks
MyMav
UTA e-mail
Canvas
YouTube
Print
Keep
Amazon
Crunchyroll
Funimation
Carlos
Messages
Watch Cartoons
Other bookmarks
Reading list
LightLib LMS
Assets
Patrons
Branches
Assets
Search and manage current library assets, current checkouts, and holds
Patrons
Manage library patrons, including checking out assets, updating contact information, and handling fees
Branches
Manage library branches and branch hours. View number of patrons, total assets, and contact information
7:44 PM
2/16/2022


LightLib LMS | Library Assets
localhost:8000/Catalog
Apps
Bookmarks
MyMav
UTA e-mail
Canvas
YouTube
Print
Keep
Amazon
Crunchyroll
Funimation
Carlos
Messages
Watch Cartoons
Other bookmarks
Reading list
LightLib LMS
Assets
Patrons
Branches
Library Assets
Assets make up the collection of all resources a library can loan across all branches.
Use this page to add, update, or remove Assets, see checkout queues, and mark items as lost or found.
Add New Asset
Previous
Next
Id
Title
Status
Location
Previous
Next
7:45 PM
2/16/2022
16


LightLib LMS | Patrons
localhost:8000/Patron
Apps
Bookmarks
MyMav
UTA e-mail
Canvas
YouTube
Print
Keep
Amazon
Crunchyroll
Funimation
Carlos
Messages
Watch Cartoons
Other bookmarks
Reading list
LightLib LMS
Assets
Patrons
Branches
Library Patrons
Patrons make up the body of library users across all branches.
Use this page to add or remove Patrons from the system, replace lost library cards, view or manage fees.
Add New Patron
Details
Last
First
Email
Fees
Previous
Next
7:46 PM
2/16/2022
16


LightLib LMS | Branches
localhost:8000/Branch
Apps
Bookmarks
MyMav
UTA e-mail
Canvas
YouTube
Print
Keep
Amazon
Crunchyroll
Funimation
Carlos
Messages
Watch Cartoons
Other bookmarks
Reading list
LightLib LMS
Assets
Patrons
Branches
Library Branches
Branches consist of individual library locations.
Use this page view details about each Branch in the system.
Register New Library Branch
7:46 PM
2/16/2022
16


File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
LightLib
Debug
Any CPU
LightLib.Web
Continue
Live Share
Feature 'Edit and Continue' is currently unavailable due to an internal error.
Show Stack Trace
Use AI-assisted IntelliCode for completions based on your code in LightLib?
How does it work?
Yes, enable it
Don't show again
LightLib.Data.csproj
Program.cs
appsettings.json
<Project Sdk="Microsoft.NET.Sdk">
<TargetFramework>net5.0</TargetFramework>
<LangVersion>9</LangVersion>
<AssemblyName>LightLib.Data</AssemblyName>
<RootNamespace>LightLib.Data</RootNamespace>
</PropertyGroup>
<PropertyGroup Condition="'$(Configuration)|$(Platform)'=='Debug|AnyCPU'">
<DebugType>full</DebugType>
<DebugSymbols>true</DebugSymbols>
</PropertyGroup>
<ItemGroup>
<ProjectReference Include="..\LightLib.Models\LightLib.Models.csproj" />
</ItemGroup>
<ItemGroup>
<PackageReference Include="Microsoft.EntityFrameworkCore" Version="5.0.2" />
<PackageReference Include="Npgsql.EntityFrameworkCore.PostgreSQL" Version="5.0.2" />
</ItemGroup>
</Project>
91 %
No issues found
Ln: 23
Ch: 11
SPC
CRLF
Diagnostic Tools
Diagnostics session: 8:21 minutes
8:10min
Events
Process Memory (MB)
86
0
CPU (% of all processors)
100
Summary
Events
Memory Usage
CPU Usage
Filter
Filter Events
Event
Time
Duration
Thread
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'LightLib' (5 of 5 projects)
External Sources
LightLib.Data
LightLib.Models
LightLib.Service
LightLib.Tests
LightLib.Web
Properties
Package Manager Console
Package source: All
Default project: LightLib.Data
false);
Applying migration '20210207230144_add-timestamps'.
Done.
PM>
Package Manager Console
Immediate Window
Ready
0 / 0
5
master
lightlib-lms
7:47 PM
2/16/2022

Task 2

How to run this project:

1. Download the necessary programs
    a. Visual Studio 2022
    b. (Later use) Activate JetBrains account (ReSharper and DataGrip)
    c. Docker
    d. Activate GitHub Account (Version Control)
    e. Install LMS project from this link (Download Zip) : https://github.com/wesdoyle/lightlib-lms
2. Extract Zip file (from step 1.e) in a project directory
3. Open the project solution file (“LightLib.sln”)
4. Run the LightLib.Web solution to test the code. An error might occur on line 18 of the LightLib.Web solution, on file “Program.cs”. Visual Studio will instruct/suggest how to update for new web certificates. Follow Accordingly.
5. Stop the currently running project. Then click on LightLib.Data solution and navigate to the “Tools” tab and click on “NuGet Package Manager-> Package Manger Console”.
6. Now the Package Manager Console (PMC) should open near the bottom of the screen. Ensure Default project is set to “LightLib.Data”
7. Before anything is done to the PMC, open command prompt on the project’s directory and type “docker-compse up”. This should build your database.
8. Go back to the PMC and type “update-database”. Wait for the build to finish and then proceed to the next step.
9. Run the LightLib.Web solution again. And open chrome and go to “localhost:8000”
10. Enjoy :)

Task 3

- https://github.com/Haviair/CSE-4321-Team-Project-LMS