

Accessing the VM and Deploying the Application

Tools Used

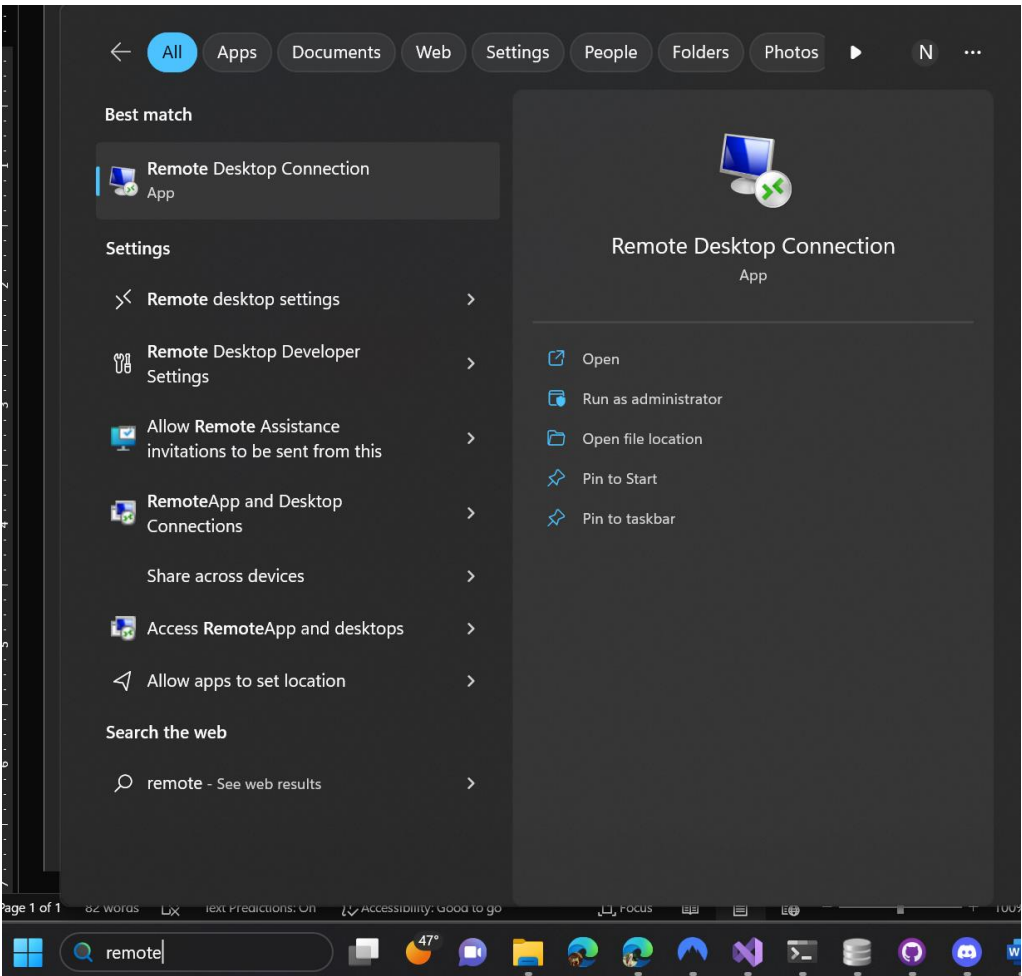
- Deployment will use the Remote Desktop Connection application provided by the Windows Operating System. Sign in using the credentials given to you by the professor.
- This guide will first show you how to access the VM.
- Scroll down further to see how you can deploy to the VM.

Credentials for Team BOB (May vary for your team)

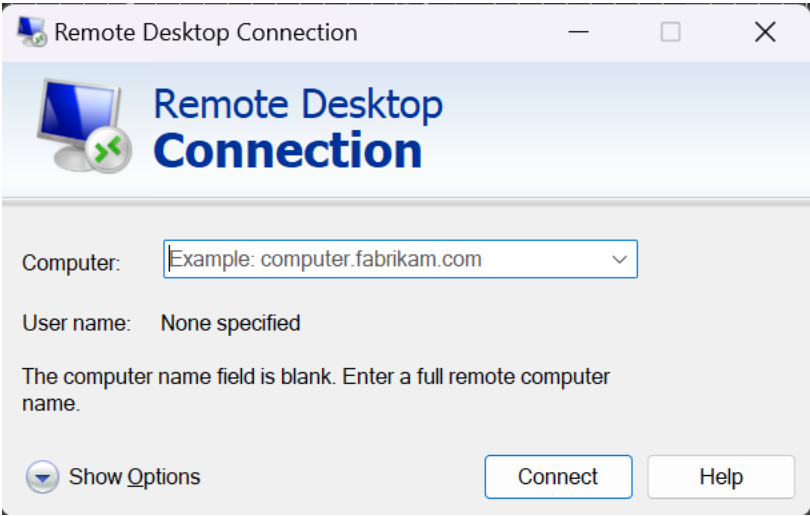
- Name of VM: Fall22-4250-1-2
- IP Address: 151.141.91.39
- Username: stuadmin
- Password: tUpme35\$
- Note that these credentials may vary for your team.

The Steps – Accessing the VM

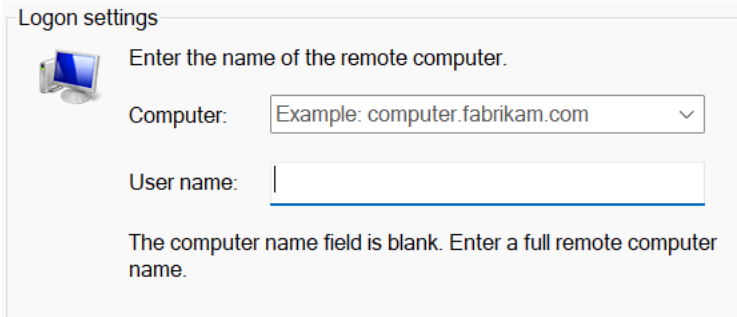
1. Launch the Remote Desktop Connection application on your windows machine. If you just search up “remote” in the search bar, you should see it as:



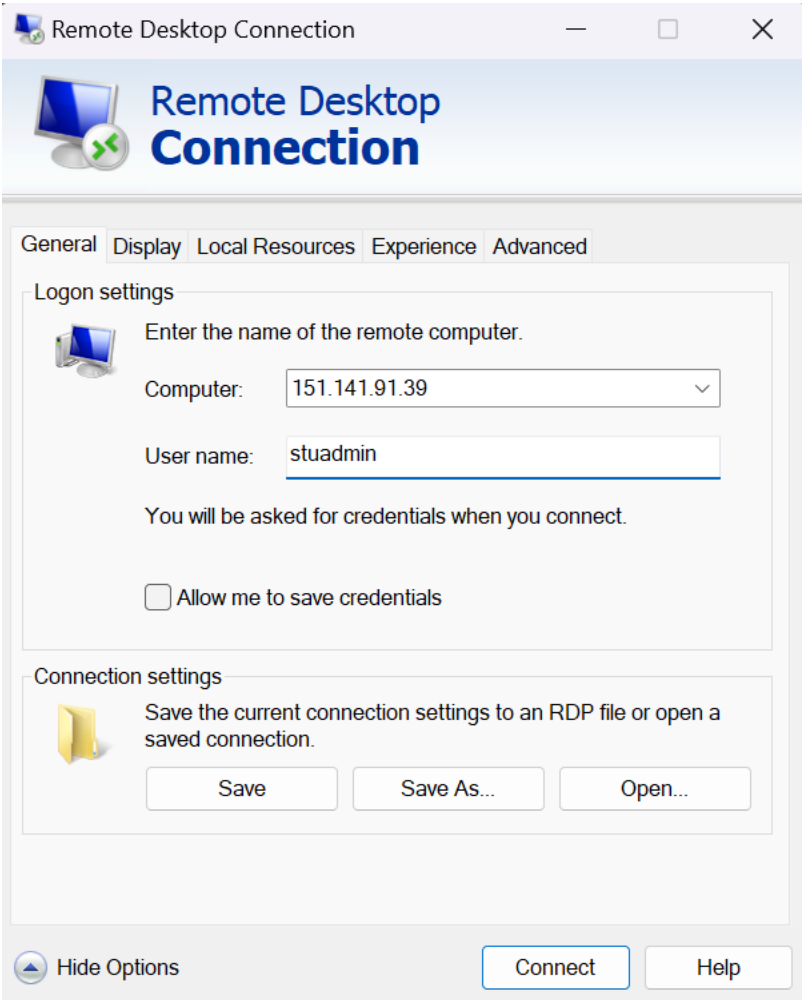
2. Click on that “Remote Desktop Connection” application. You should see this window:



3. Click on Show Options. You get the ability to enter a username alongside the computer.




4. Enter in your credentials: IP Address of the VM into the Computer field, and the Username into the Username field. It will look similar to this:



5. Press “Connect”. Then, wait a few seconds for the application to remote connect to the machine.

6. If you get an error screen like this:

Remote Desktop Connection



Remote Desktop can't connect to the remote computer for one of these reasons:

1) Remote access to the server is not enabled

2) The remote computer is turned off

3) The remote computer is not available on the network

Make sure the remote computer is turned on and connected to the network, and that remote access is enabled.

See details

OK

a. If you are using a VPN, disconnect from it. Then try to connect to it.

b. Ensure that you are using the ETSU network. Remote Desktop Connection won't work on Eduroam or other network.

c.

d. Ask your instructor. He'll provide you with the credentials of the person you should email about the VM (We'll call them the VM Master).

e. Email the VM Master and include the screenshot of the error in the email. Tell them that you tried to connect to the Fall22-4250-1-2 VM machine with the IP address "151.141.91.39" under the "stuadmin" username and it failed. It did not show the window to input the password for the user. (If your IP address is different, feel free to change it.)

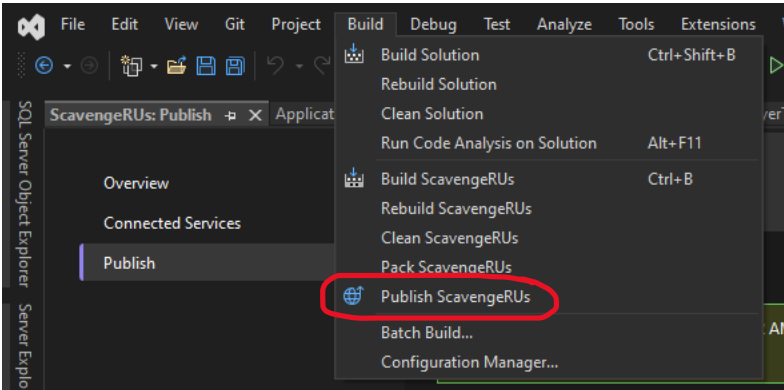
7. Viola! You should see this screen:

(Insert Screen Here)

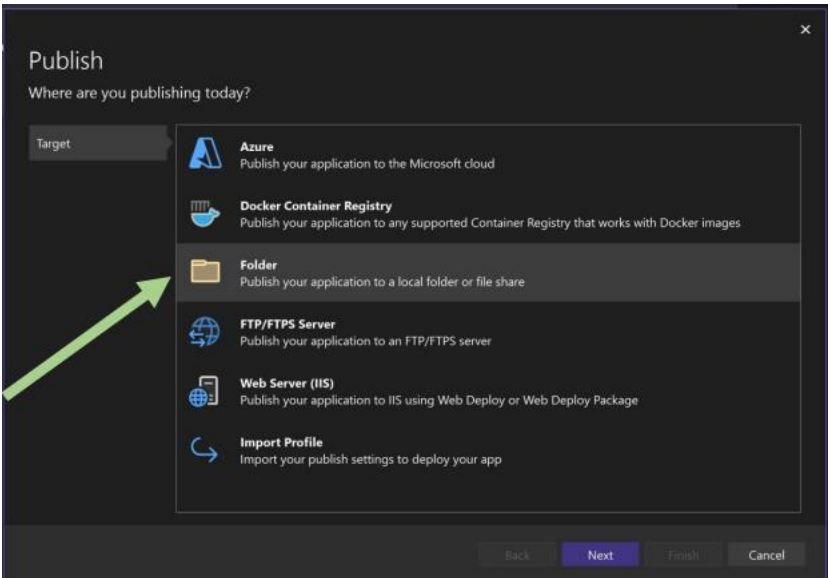
The Steps – Deployment Locally

These steps are adapted from Team 1’s documentation on Publishing the project.

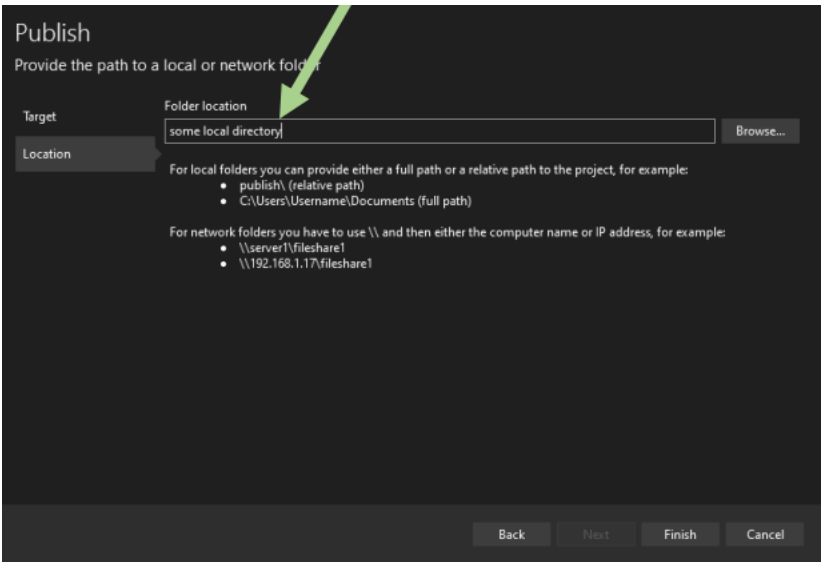
1. Open the project solution for this project. Then, on the top-left menu, go to Build > Publish ScavengerRUS.



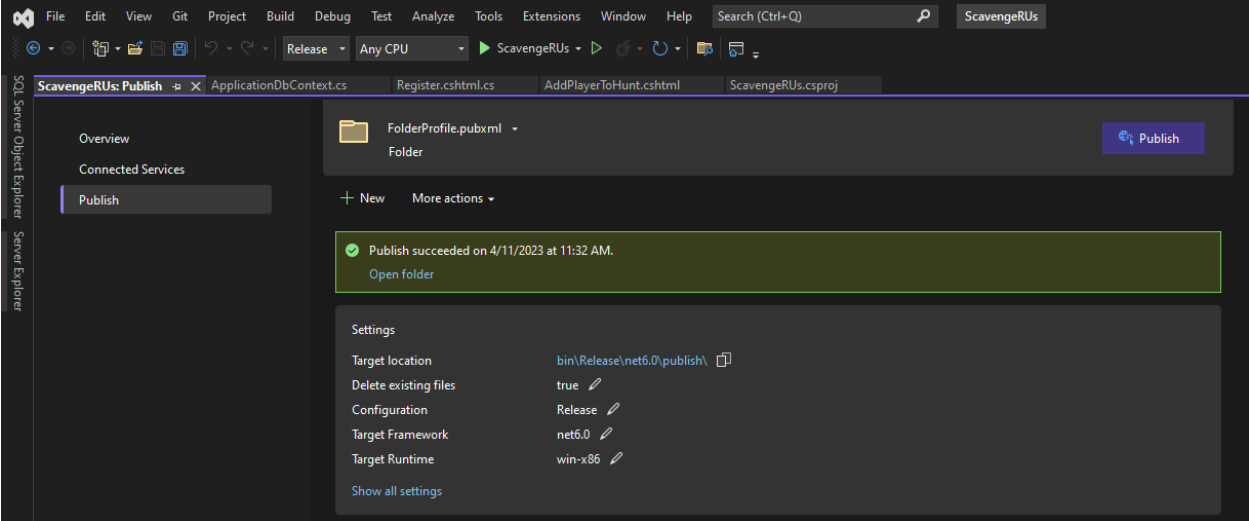
2. Click on Publish ScavengerRUS. Then click on Folder and hit “Next”.



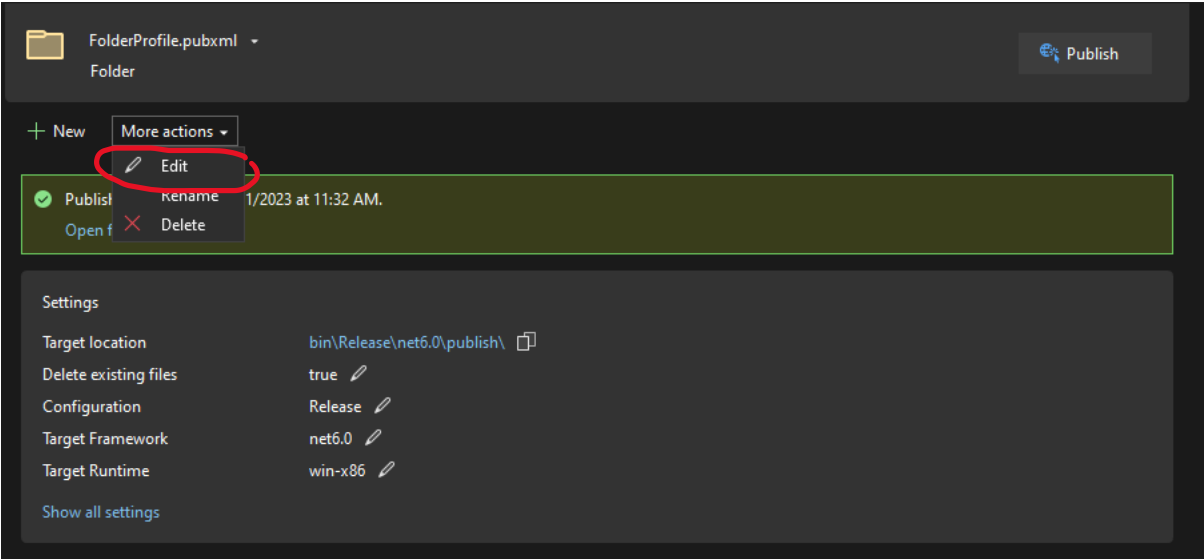
3. The default path should be bin\Release\net6.0\publish\. This path is fine, but you would like to store it elsewhere,



4. Once you hit next, you should see a menu like this. Ignore the “Publish succeeded” message. Don’t worry if the settings are not exactly right – we will change that in the next step.



5. Click on More Actions and click the Edit option:



6. Ensure that your settings look like this:

FolderProfile *

Configuration:

Target Framework:

Deployment Mode:
[Learn about deployment modes](#)

Target Runtime:

File Publish Options

☐ Produce single file

☐ Enable ReadyToRun compilation

☐ Trim unused code

☒ Delete all existing files prior to publish

Databases

DefaultConnection

☒ Use this connection string at runtime

Data Source=ScavengeRUS.db

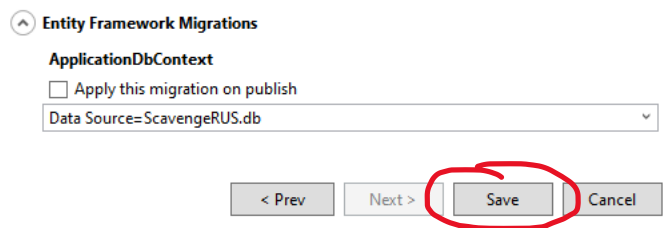
Entity Framework Migrations

ApplicationDbContext

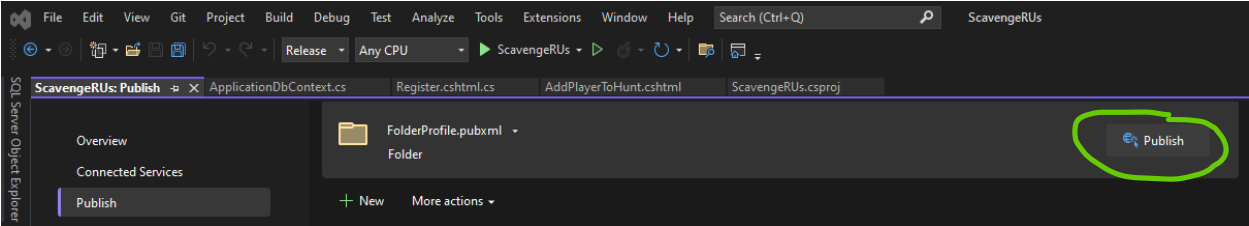
☐ Apply this migration on publish

Data Source=ScavengeRUS.db

7. Hit Save.

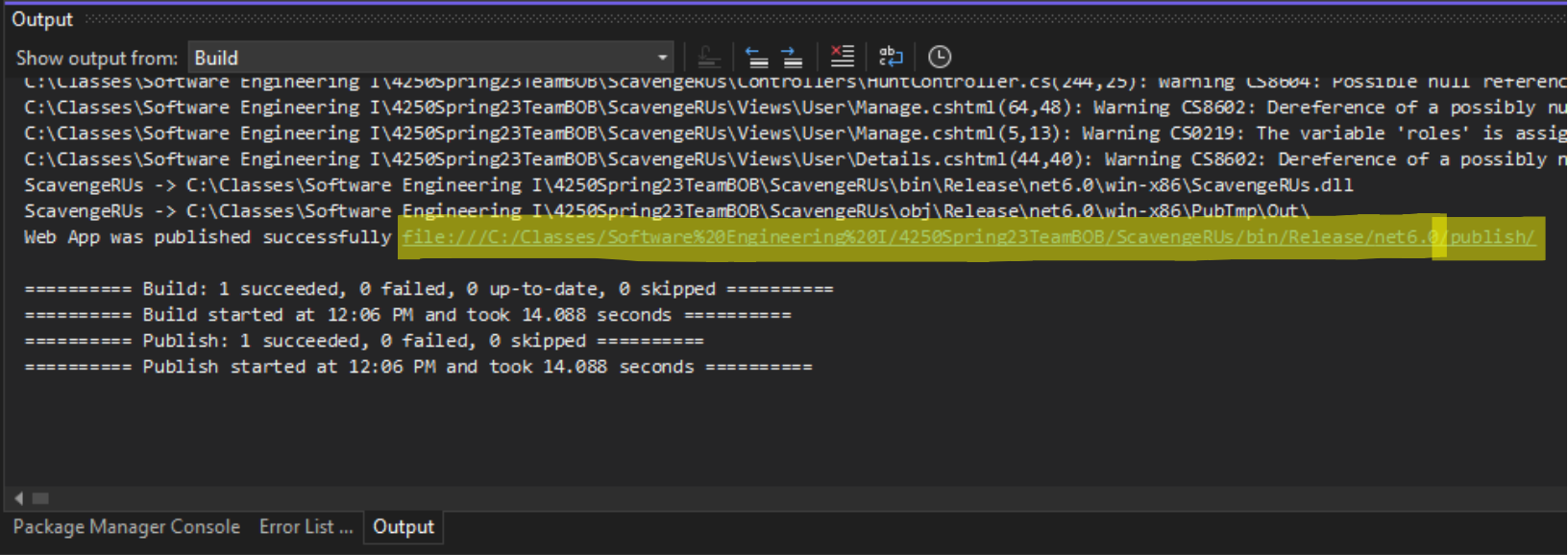


8. Click on the Publish option next to FolderProfile.pubxml.

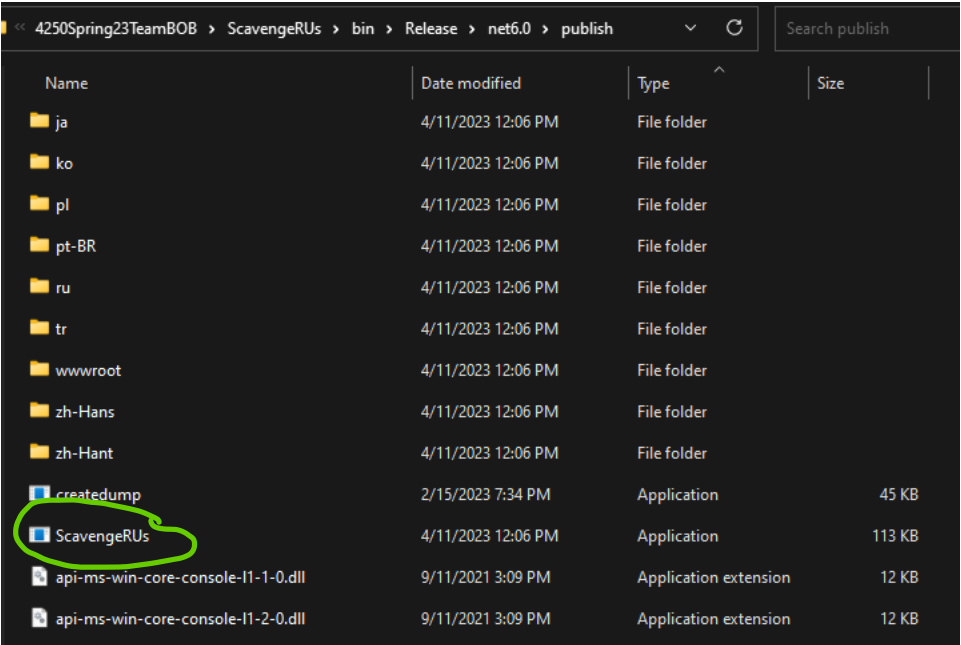


9. Wait a minute for the Compiler to build the published project. If there are any compilation errors, fix them and attempt to publish again.

10. Look at the output of the build:



11. CTRL+LeftClick on the link highlighted above. You should be taken to a file menu.



12. Locate and run the ScavengeRUS.exe file.

13. Look for a console window that pops up. You should see something like this after running the application:

```
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://localhost:5000
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: https://localhost:5001
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Production
info: Microsoft.Hosting.Lifetime[0]
      Content root path: C:\Classes\Software Engineering I\4250Spring23TeamBOB\ScavengeRUs\bin\Release\net6.0\publish\
```

14. CTRL+LeftClick on either option above. You’re taken to the BuchHunt landing page!



Enter your access code to start your scavenger hunt. At each scavenger hunt location, there will be a QR Code that must be scanned to obtain a longitude and latitude point. Hunt progress will be tracked through tasks. Enjoy hunting!

Enter an access code.

Log in

[The Steps – Deployment to the VM](#)