Team Name: GAIJAK-StudyMap

Team Members:
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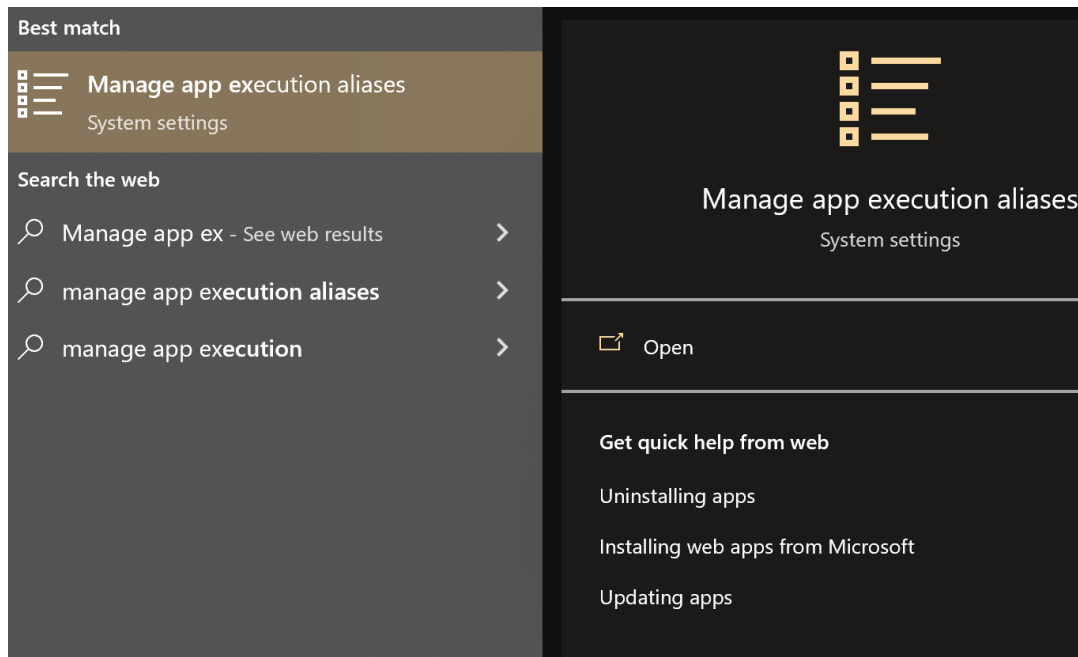
How to use our project

Welcome to the CS322 Study_Map group project. We are using flutter in VSCode to develop our app. So if you have the flutter framework downloaded and dart installed on our computer then you can just clone our repo and click run in the main.dart file. Flutter isn't easy to set up though so let's walk through how you can run the release build on your end.

Step 1 - Setup Python (**Properly**):

If you're looking at this documentation you probably have Python 3 downloaded at the very least but if not you can visit Python.com. That's not all though, you'll also want to add python to your PATH environment variable on windows. You can find many instructions for how to do this online.

IMPORTANT:

There appears to be weird behavior recently in the windows command line that prevents python from being referenced easily even if it's in path. To fix this search "Manage app execution aliases" in the start menu and turn off python at the bottom.
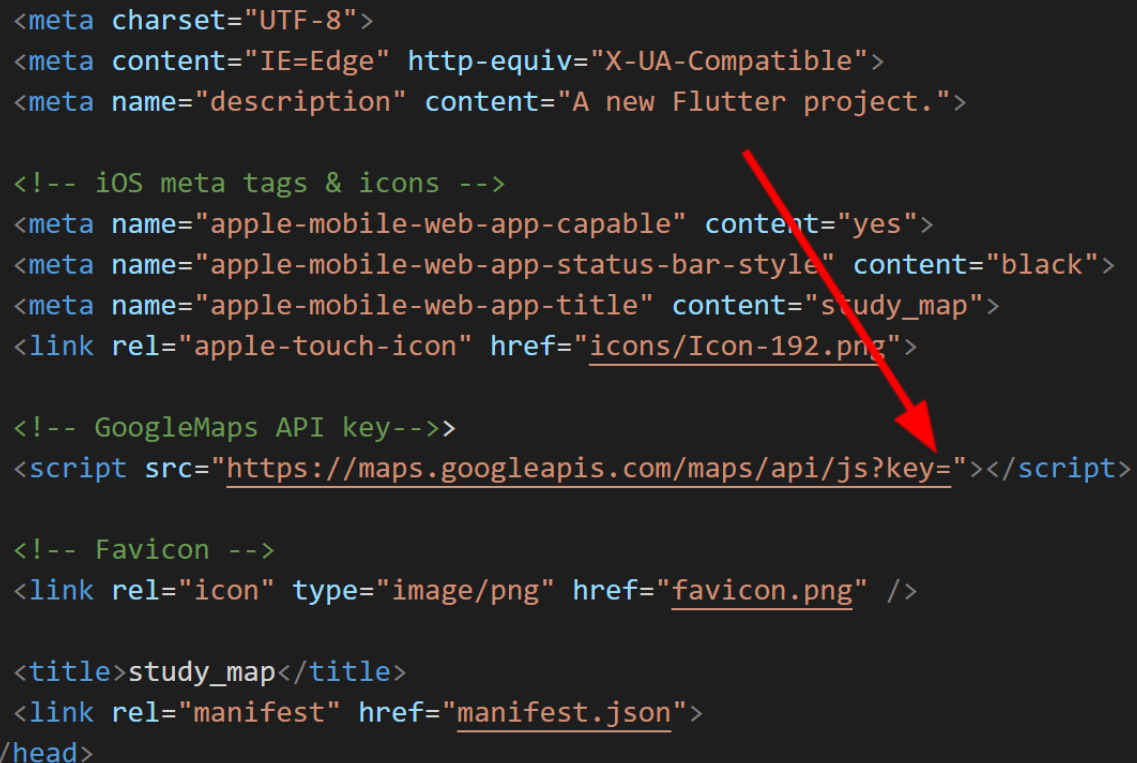
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Step 2 - Download the App:

In the interest of maintaining API key integrity, we are avoiding any direct commits to our repo containing our keys. There are an abundance of bots that scrape GitHub commits for keys to try to abuse them. Luckily they can't read pdf files!

The current release build of our app as a web page (flutter can build to mobile/web/desktop all from one codebase) can be found here: BUILD. All you need to do is click the "web" folder at the top and select download.

Step 3 - Run the App:

Now all that's left is to run it. It should work as-is, but if you want to see it in its full glory you can navigate the index.html file and paste the API key here (after the "="):

```html
<meta charset="UTF-8">
<meta content="IE=Edge" http-equiv="X-UA-Compatible">
<meta name="description" content="A new Flutter project.">

<!-- iOS meta tags & icons -->
<meta name="apple-mobile-web-app-capable" content="yes">
<meta name="apple-mobile-web-app-status-bar-style" content="black">
<meta name="apple-mobile-web-app-title" content="study_map">
<link rel="apple-touch-icon" href="icons/Icon-192.png">

<!-- GoogleMaps API key-->>
<script src="https://maps.googleapis.com/maps/api/js?key="></script>

<!-- Favicon -->
<link rel="icon" type="image/png" href="favicon.png" />

<title>study_map</title>
<link rel="manifest" href="manifest.json">
/head>
```

The API key is: AIzaSyAd3qs9ArNY5hwwnqsBsC5RGvBrrOm0OsI

Now just open the command prompt, run "python -m http.server 8000". Navigate to local host port (8000 in this example) in your browser, and if you didn't do so in the command prompt already navigate to where you put the downloaded "web" folder.