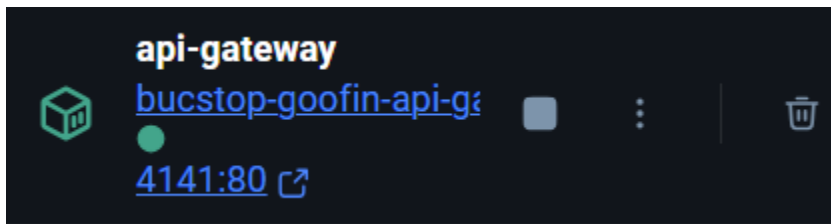


How to run docker:

- Download docker desktop
- Navigate to project directory in terminal and run `docker-compose up --build`
- View docker images/containers in docker desktop

What's currently wrong:

- Our docker compose file currently exposes the containers on different ports than the ones that are used locally
- I tried fixing this by changing the ports to the ones that are used locally ex: changed api gateway to port 4141. ***These changes did not work so they weren't committed***



- This still doesn't work, because our docker containers are using http rather than https

```
2025-03-26 22:12:04 bucstop | Sending HTTP request GET https://localhost:4141/Gateway
2025-03-26 22:12:04 bucstop | 2025-03-27 02:12:04 fail: BucStop.MicroClient[0]
```

- When using curl on <http://localhost:4141/Gateway> rather than <https://localhost:4141/Gateway> we can see that it returns 200, meaning the api gateway is running on this port, just not using https

```
PS C:\Users\minkn> curl http://localhost:4141/Gateway

StatusCode      : 200
StatusDescription : OK
Content         : []
RawContent      : HTTP/1.1 200 OK
                  Transfer-Encoding: chunked
                  Content-Type: application/json; charset=utf-8
                  Date: Thu, 27 Mar 2025 02:17:17 GMT
                  Server: Kestrel
```

Potential Solutions:

- We need to configure docker to use https. One possible problem is that we don't have the proper SSL certificates when running our applications containerized.
- Changing URLs for our production environment in `appsettings.json` may also help to resolve our problem, as we should be sending requests to the URLs that our applications are located at in our production environment rather than localhost