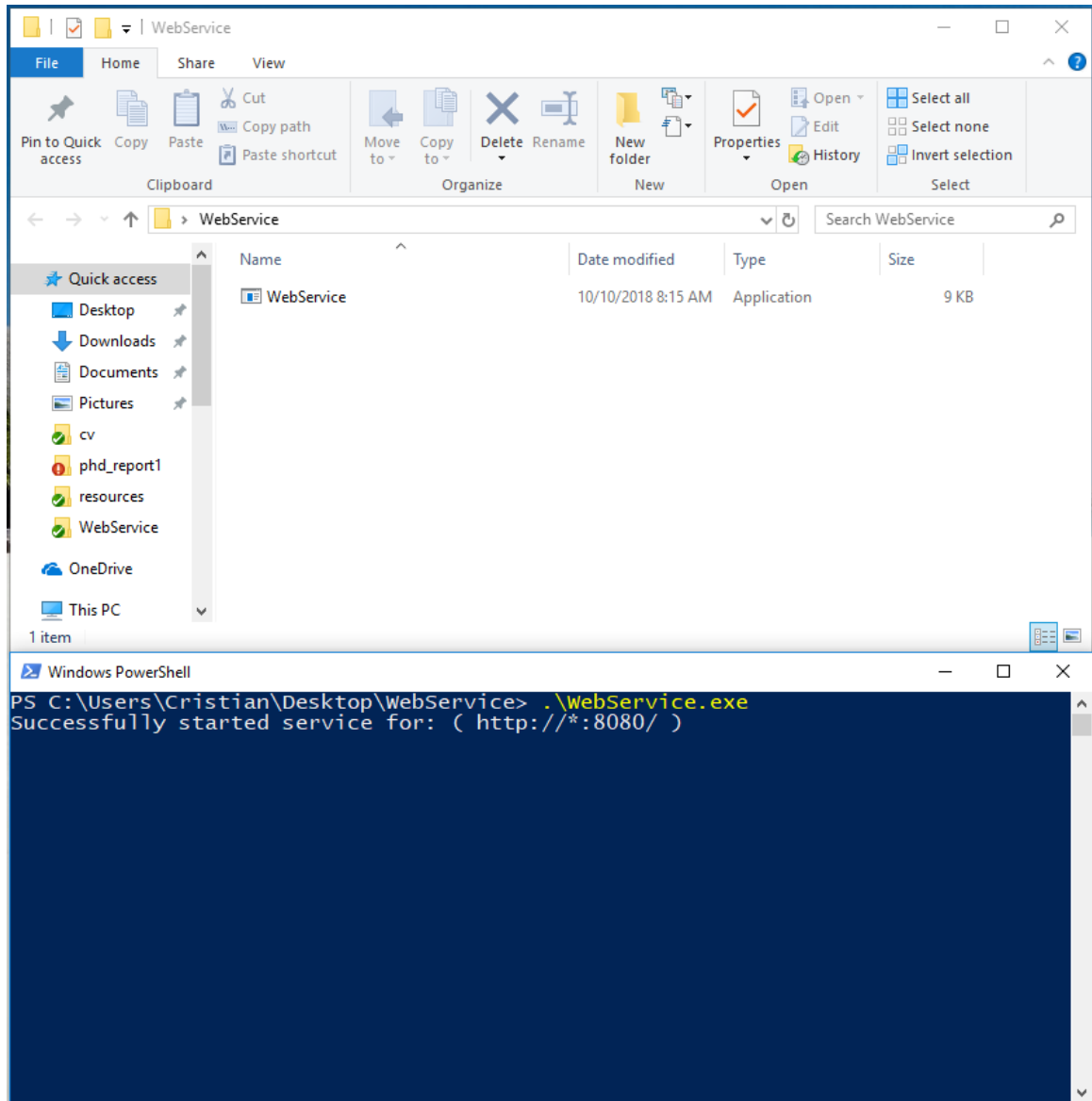# Readme

1. How to run the application locally

1) Download and extract the WebService.exe file from the release archive on GitHub
2) Open CMD or PowerShell and run the WebService.exe from command line as in the picture below:

Note: the service may be started for a different port as well.

In case you receive the error message in the picture below:

Either open PowerShell as Administrator and try starting the service again or run the command below for the desired port number:
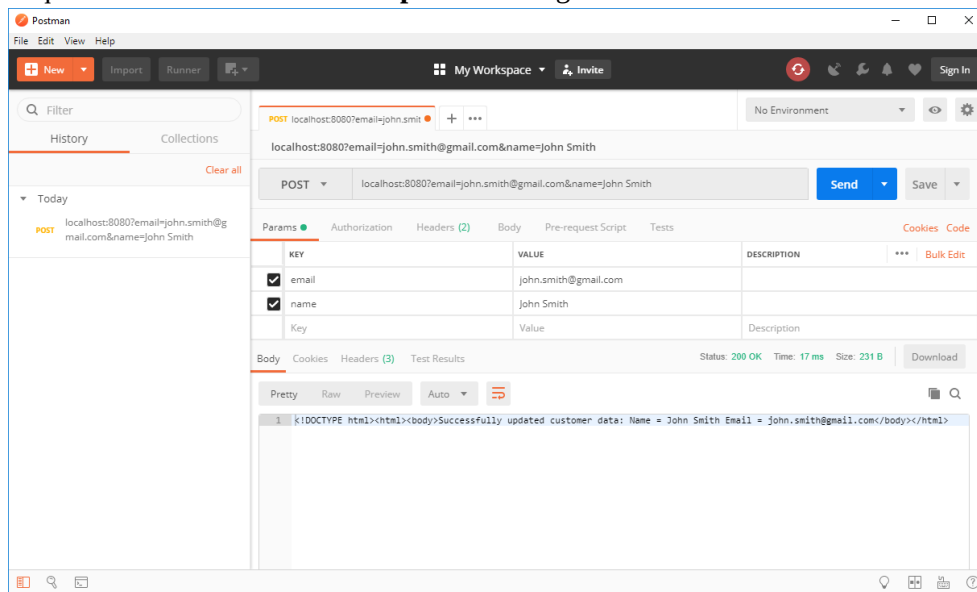

3) Now the service should accept HTTP requests

2. Web service requests

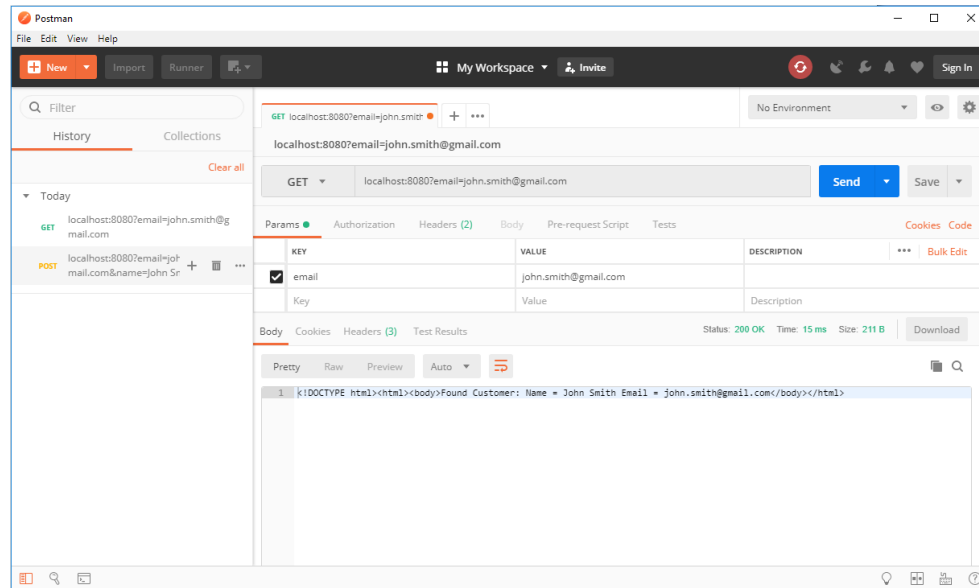In order to test the service I used a third party application to build HTTP requests.

1) Request to **Insert** new client or **Update** existing client:

The **Insert** new client or **Update** is a HTTP POST request with two parameters:

- email – Unique Id of the customer
- name

2) Request to **Select** client information:

The **Select** is a HTTP GET request with the following parameter:

- email – Unique Id of the customer

Example:

```
http://localhost:8080?email=john.smith@gmail.com
```

This request should also work from any web browser as well: