# JB Hi Fi Tech Challenge User Guide

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## 1. Tools and Technology used in the project.

* Visual Studio 2019
* ASP.NET Core 3.0
* Postman

## 2. Development Setup

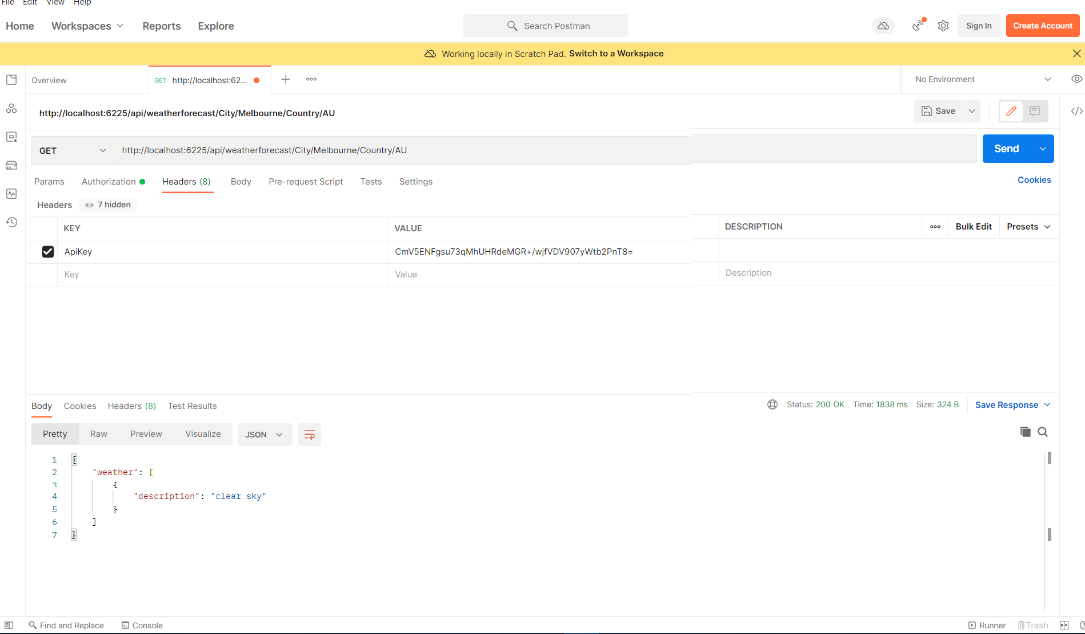
* Download or clone repository from Github and open the solution in Visual Studio.
* Press F5 and wait until Project is up and running.
* Use below url in postman to test the API. Provide the values for City and Country. [**http://localhost:6225/api/weatherforecast/City/{City}/Country/{Country}**](http://localhost:6225/api/weatherforecast/City/%7bCity%7d/Country/%7bCountry%7d)
* Also use API Key Authorization and below client ApiKey for testing purpose.

"ApiKey": "CmV5ENFgsu73qMhUHRdeMGR+/wjfVDV907yWtb2PnT8="

## 3. Test Results:

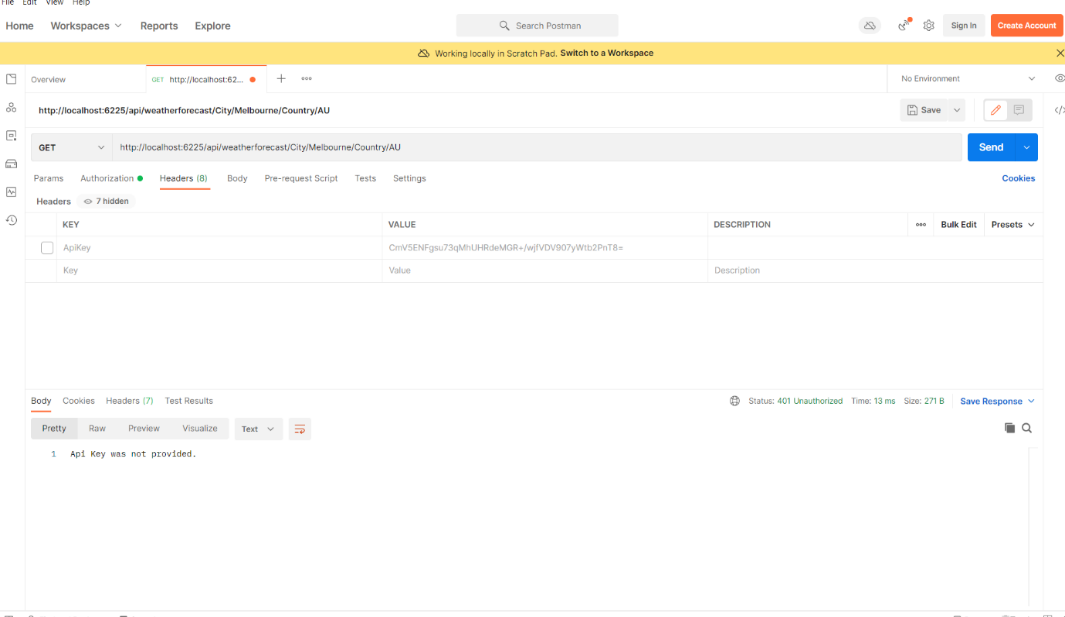
Test Scenario 1 => API call with city and country and valid client API Key.

Ouput: 200 OK (Success)



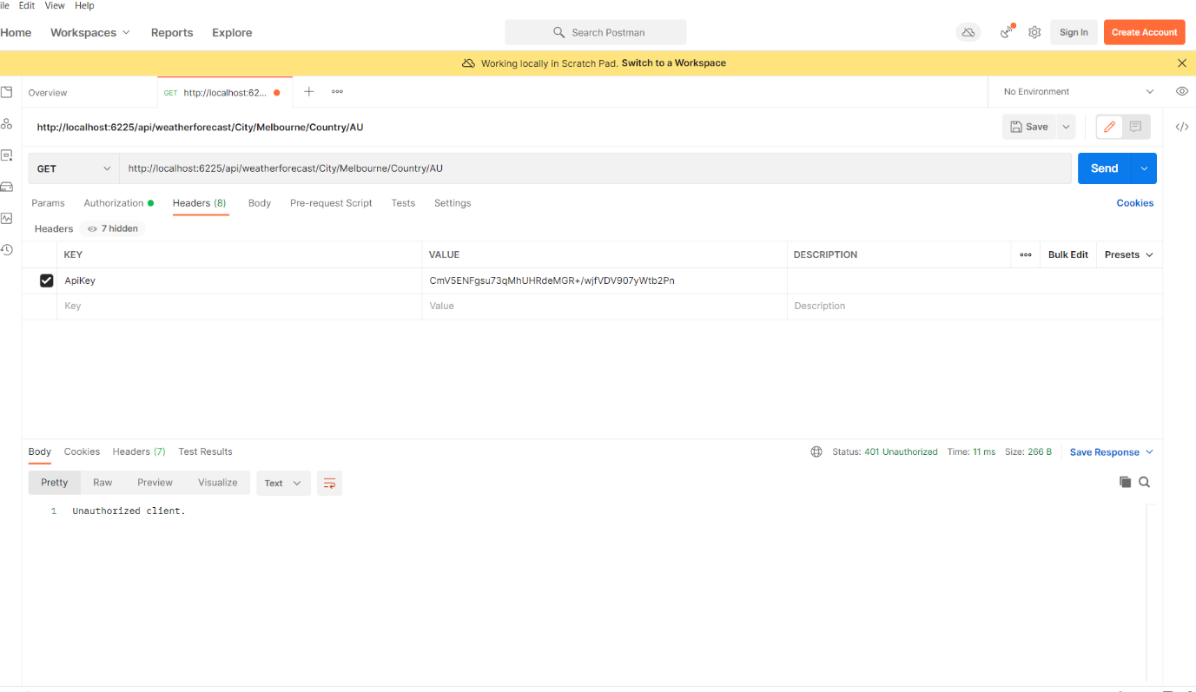
### Test Scenario 2 => API key not provided

Result: 401 Unauthorized



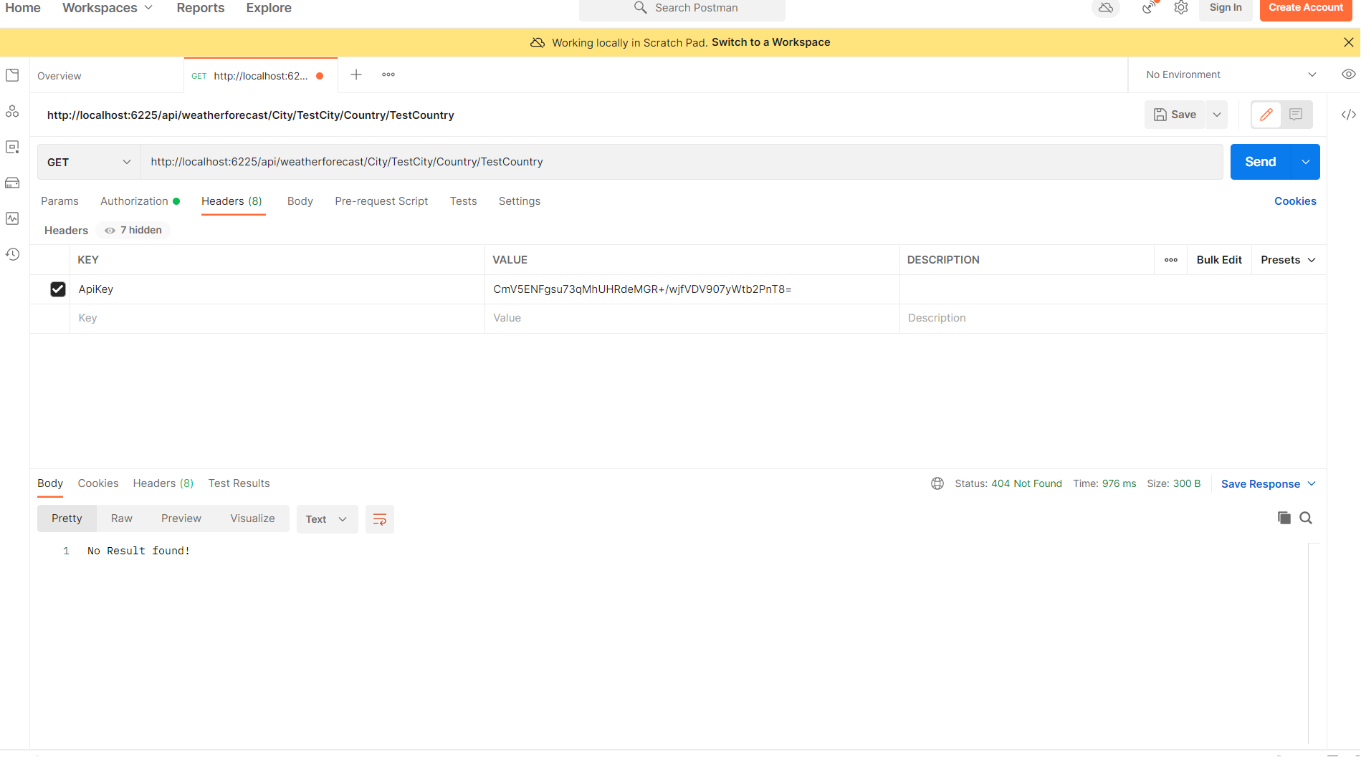
### Test Scenario 3 => Invalid API Key

Result: 401 Unauthorized Client



### Test Scenario 4 => Data not found for given city and country.

Result: 404 not found



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### Test Case 5 => More than 5 request in an hour. API rate limit exceeded.

