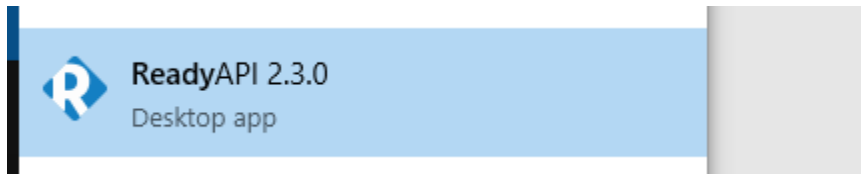


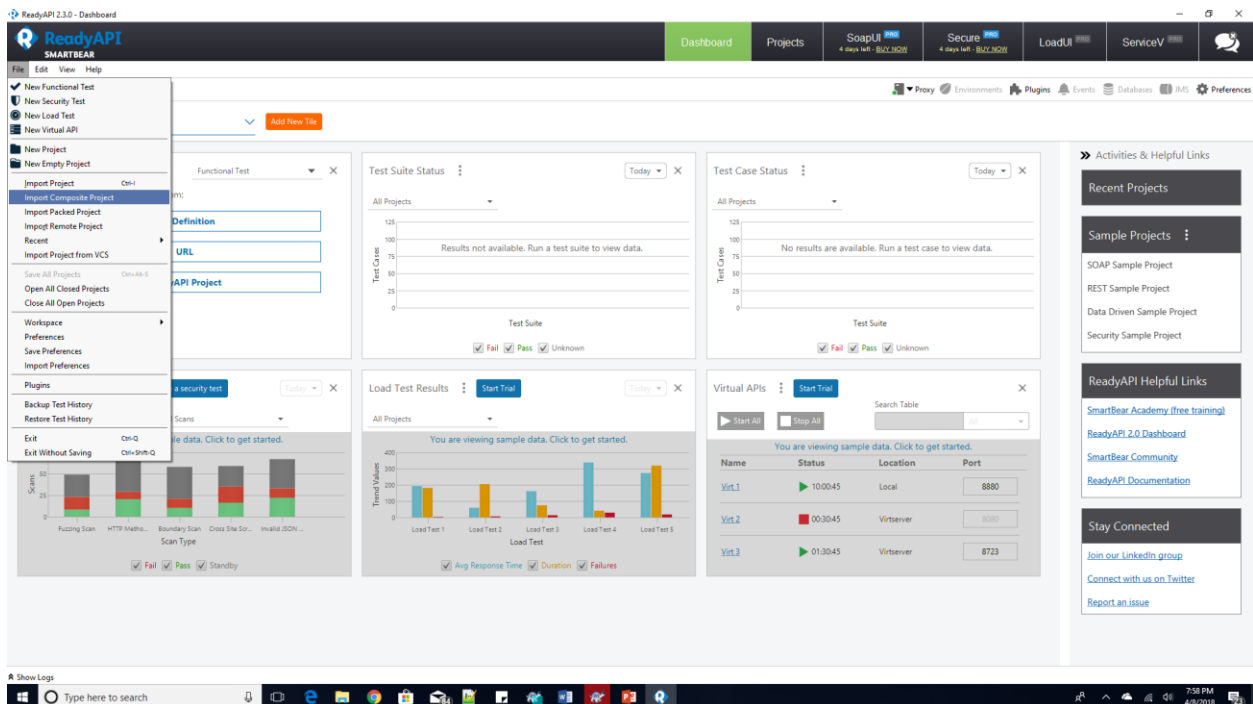
# Installation, Configuration and Run Project Guide

## How To Import Composit Project into Ready API

Step 1: Double click your Ready API Tool

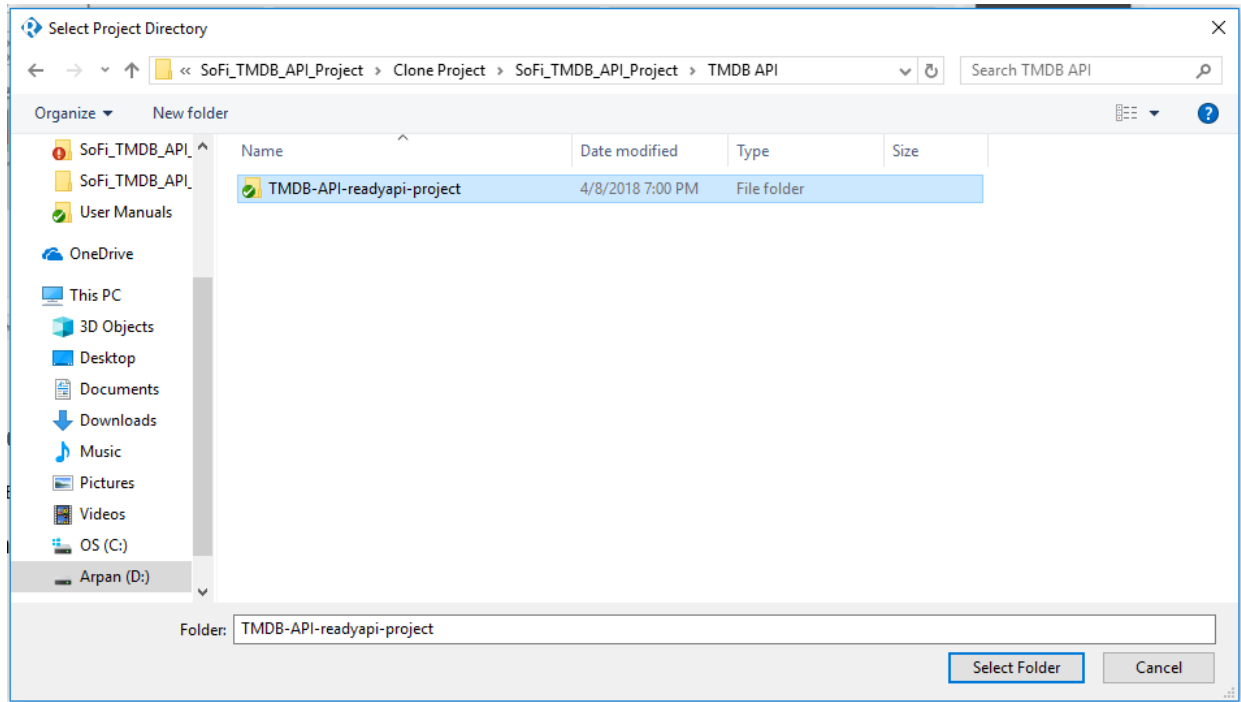


Step 2: Go To file → Chose Option Import Composite Project

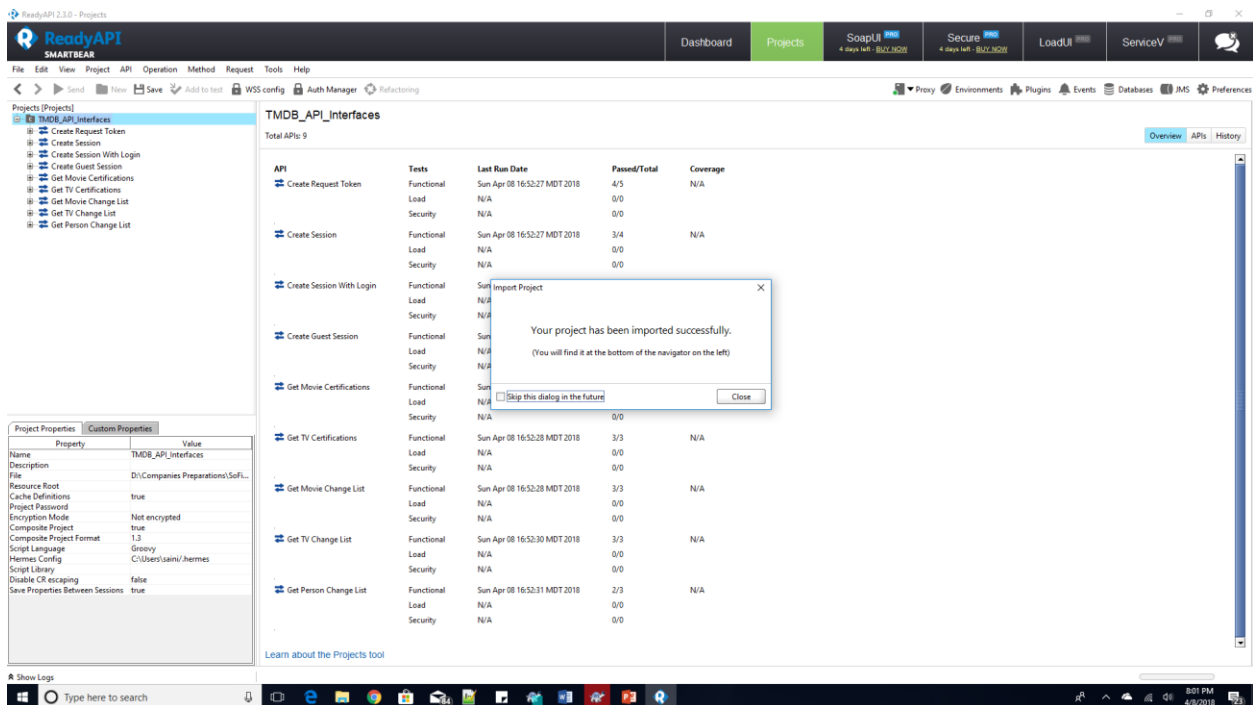


Step3 : Go To Respective Directory where you have cloned your project. And select Folder "TMDB-API-readyapi-project".

In My Case it's, D:\Companies Preparations\SoFi\_TMDB\_API\_Project\Clone Project\SoFi\_TMDB\_API\_Project\TMDB API



As soon as you click on Select Folder you will get the Dialogue "Your Project has been Imported successfully" Click on Close Button.



TMDB Rest APIs Used  
can be Seen here

Click here to see the  
Project API

The screenshot shows the ReadyAPI 2.3.0 - Projects interface. The 'Projects' tab is selected, displaying a list of projects. The 'TMDB\_API\_Interfaces' project is highlighted, and its details are shown in the main pane. The 'Overview' tab is active, showing a table of test results for the project.

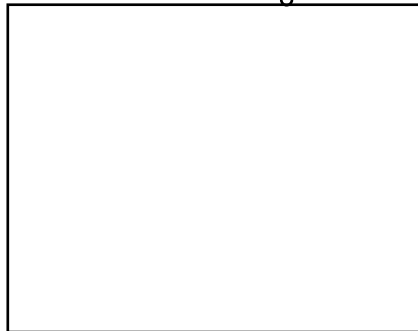
API	Tests	Last Run Date	Passed/Total	Coverage
Create Request Token	Functional	Sun Apr 08 16:52:27 MDT 2018	4/5	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Create Session	Functional	Sun Apr 08 16:52:27 MDT 2018	3/4	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Create Session With Login	Functional	Sun Apr 08 16:52:25 MDT 2018	1/1	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Create Guest Session	Functional	Sun Apr 08 16:52:25 MDT 2018	1/1	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Get Movie Certifications	Functional	Sun Apr 08 16:52:28 MDT 2018	3/3	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Get TV Certifications	Functional	Sun Apr 08 16:52:28 MDT 2018	3/3	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Get Movie Change List	Functional	Sun Apr 08 16:52:28 MDT 2018	3/3	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Get TV Change List	Functional	Sun Apr 08 16:52:30 MDT 2018	3/3	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	
Get Person Change List	Functional	Sun Apr 08 16:52:31 MDT 2018	2/3	N/A
	Load	N/A	0/0	
	Security	N/A	0/0	

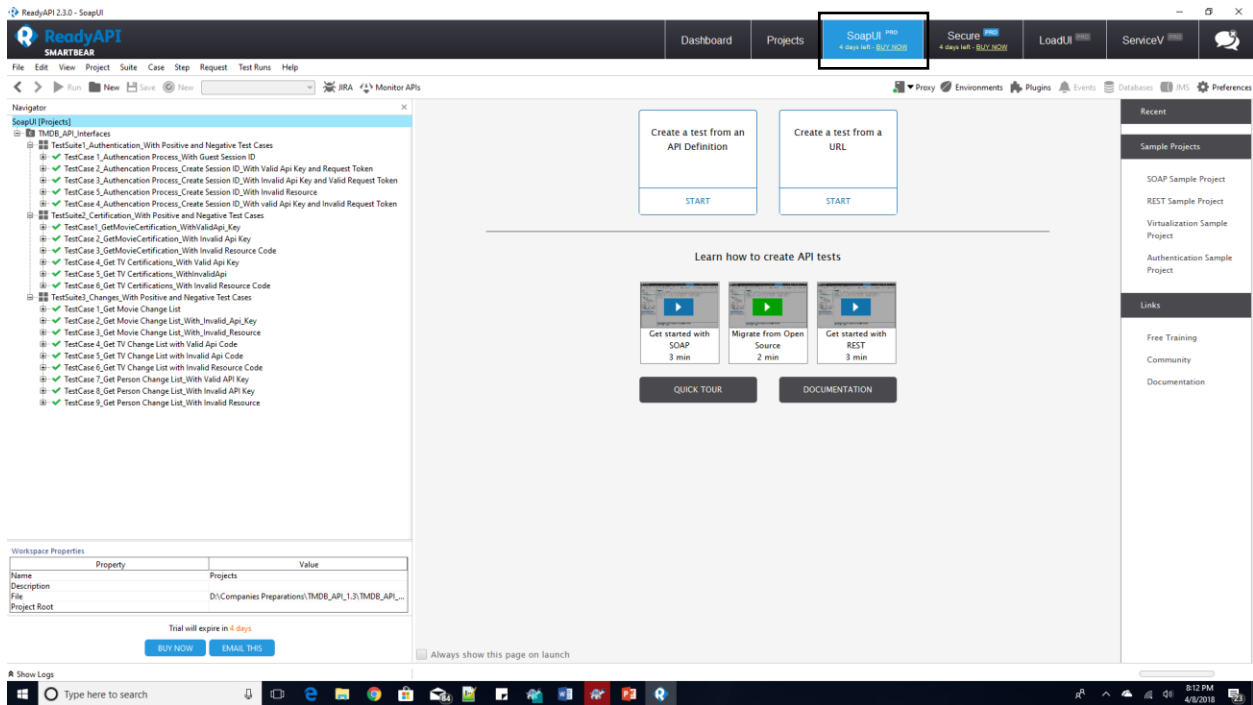
Learn about the Projects tool

Step4: To See the Test Suites and Test Cases in the Project, Click as show below

Self-explanatory Test Suites and  
Test Cases Used in the Project

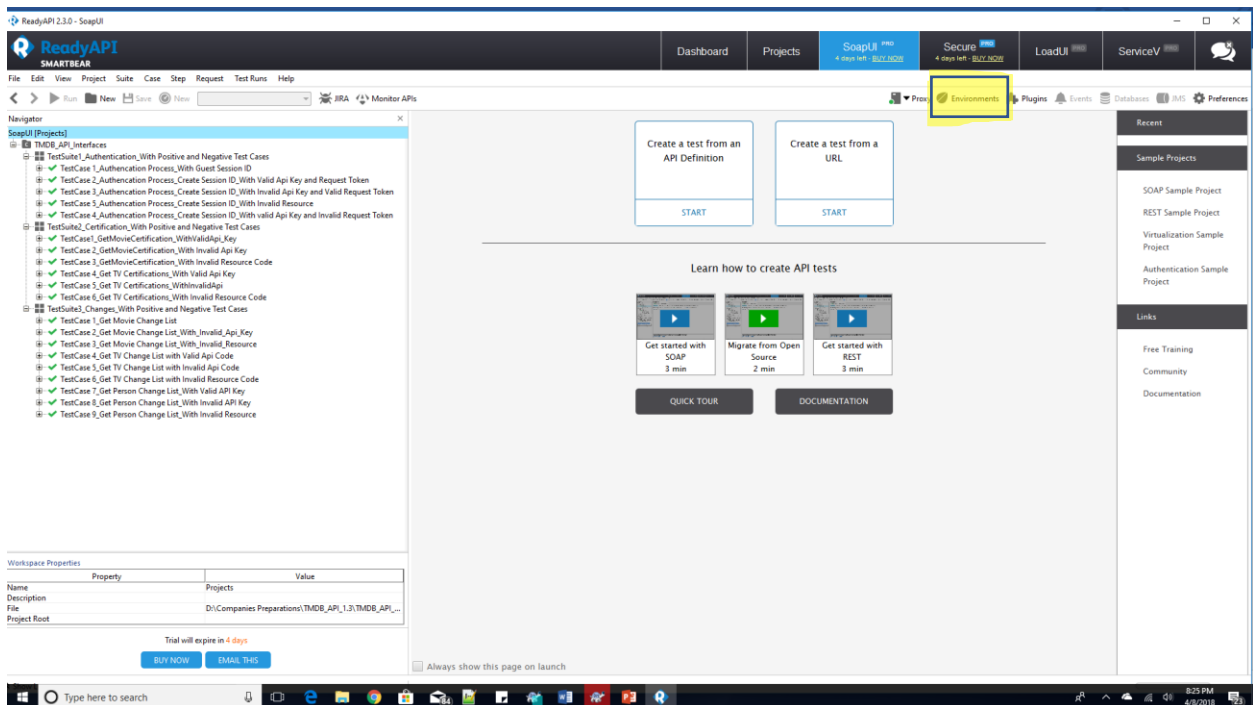
Click here to  
Check TS and TC





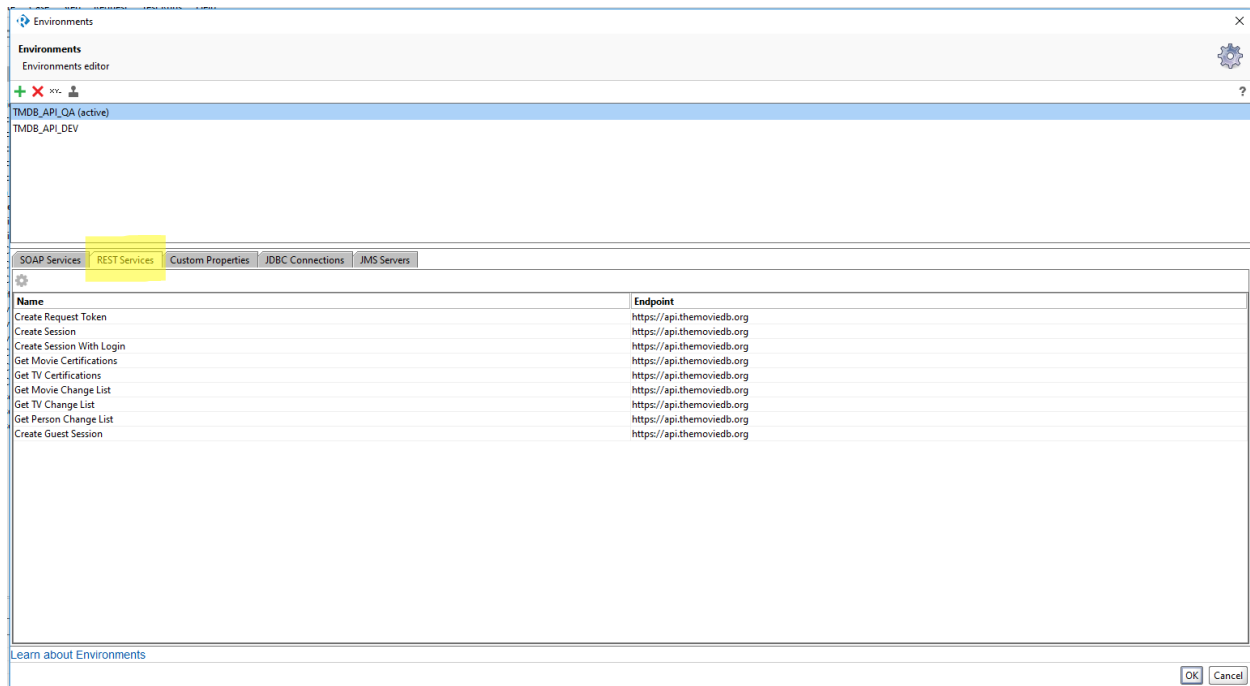
## Configuration For Your Local Machine:

Step 1 : Click on SoapUI pro → Click on Environments Tab (Highlighted in Yellow Color)

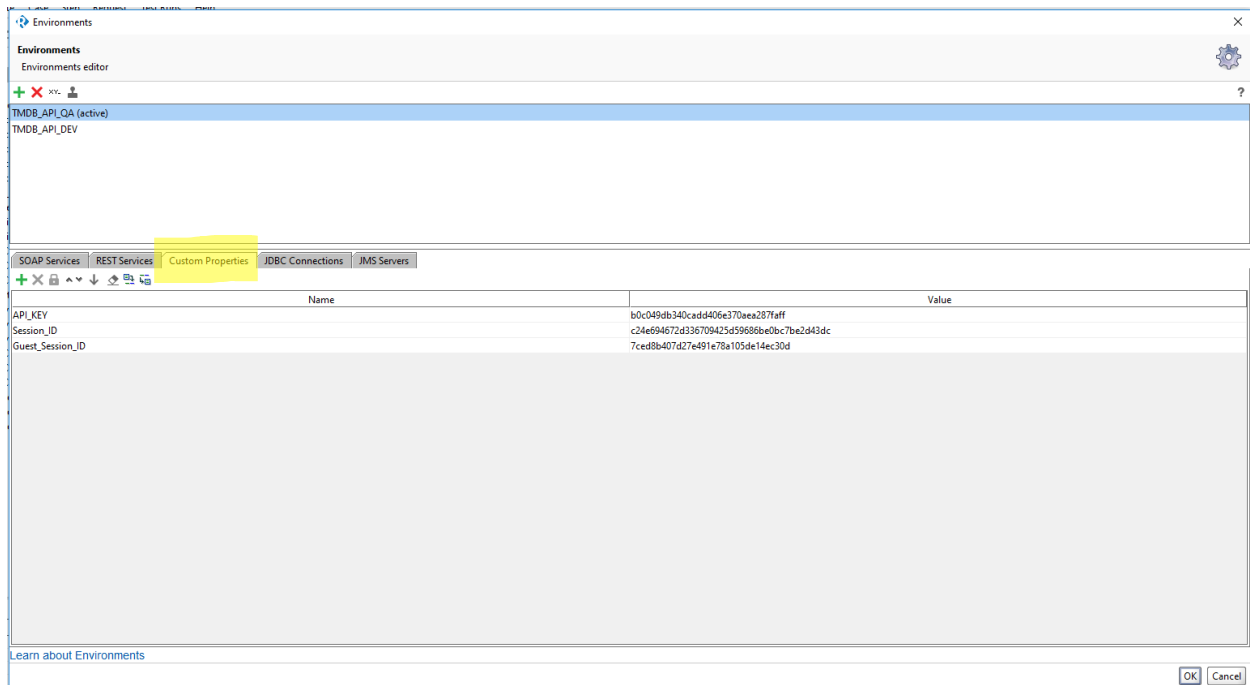


Step 2: Here you can add as many Environment you want to Configure; Here I have added two Environments just for Example.

1. Click on TMDb\_API\_QA environment → Click on REST Services(Highlighted in Yellow Color) → Here you can set the Environment END point for all your APIs in our project.

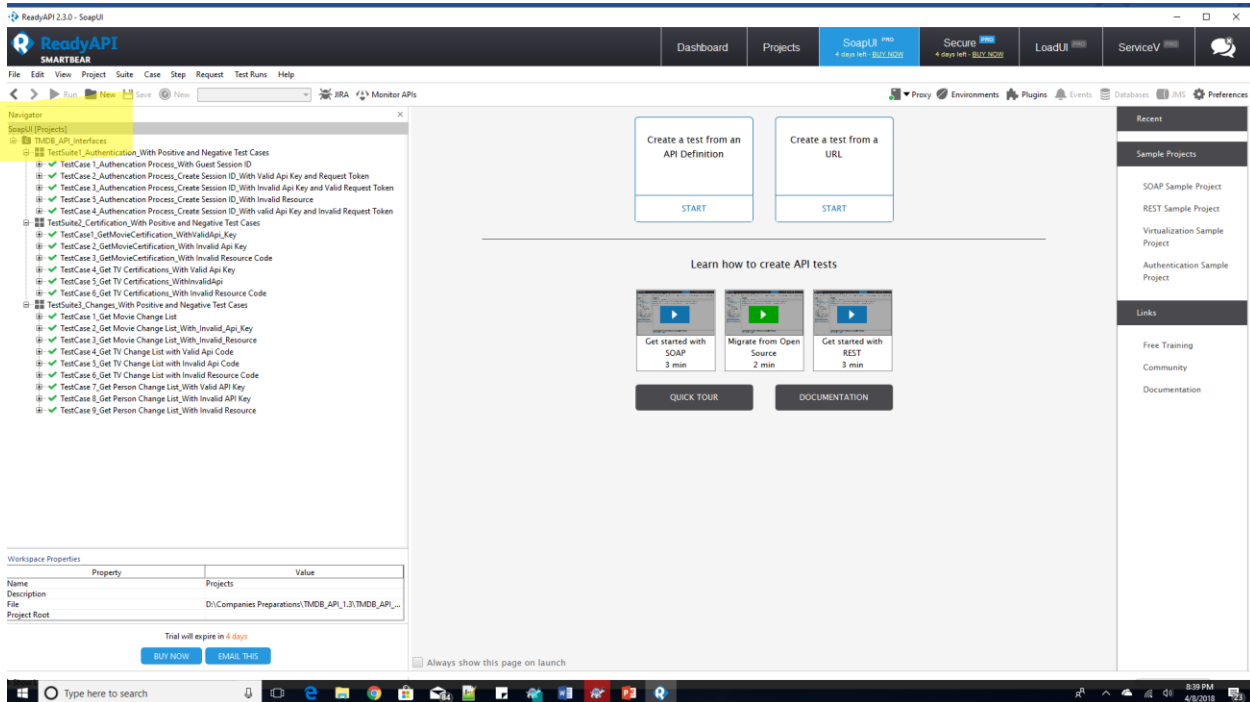


2. Click on TMDb\_API\_QA environment → Click on Custom Properties (Highlighted in Yellow Color) → Here you can set the Environment variables for all your APIs in our project. Here you can Set Your API\_Key to Run the Project. Session ID and Guest Session ID will be created on the fly while you will run the project and will updated here so that it can be used by other Test Cases if needed.

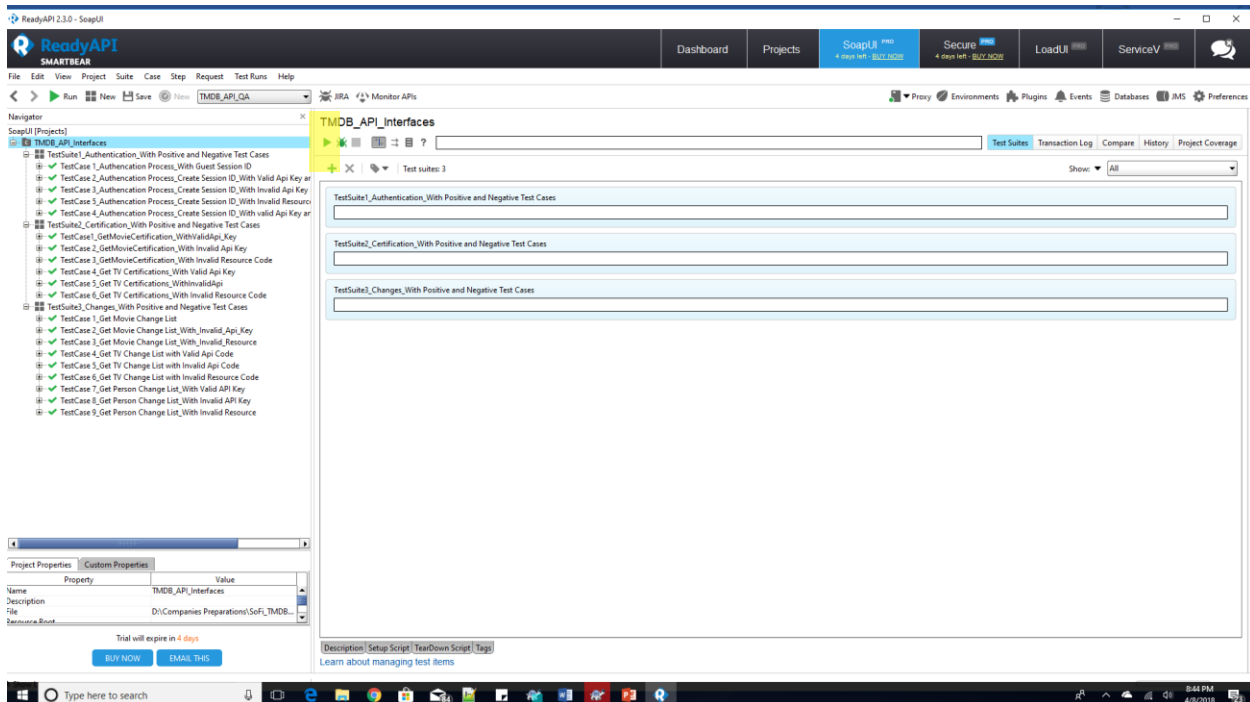


# How To Run Project From SOAP UI Tool:

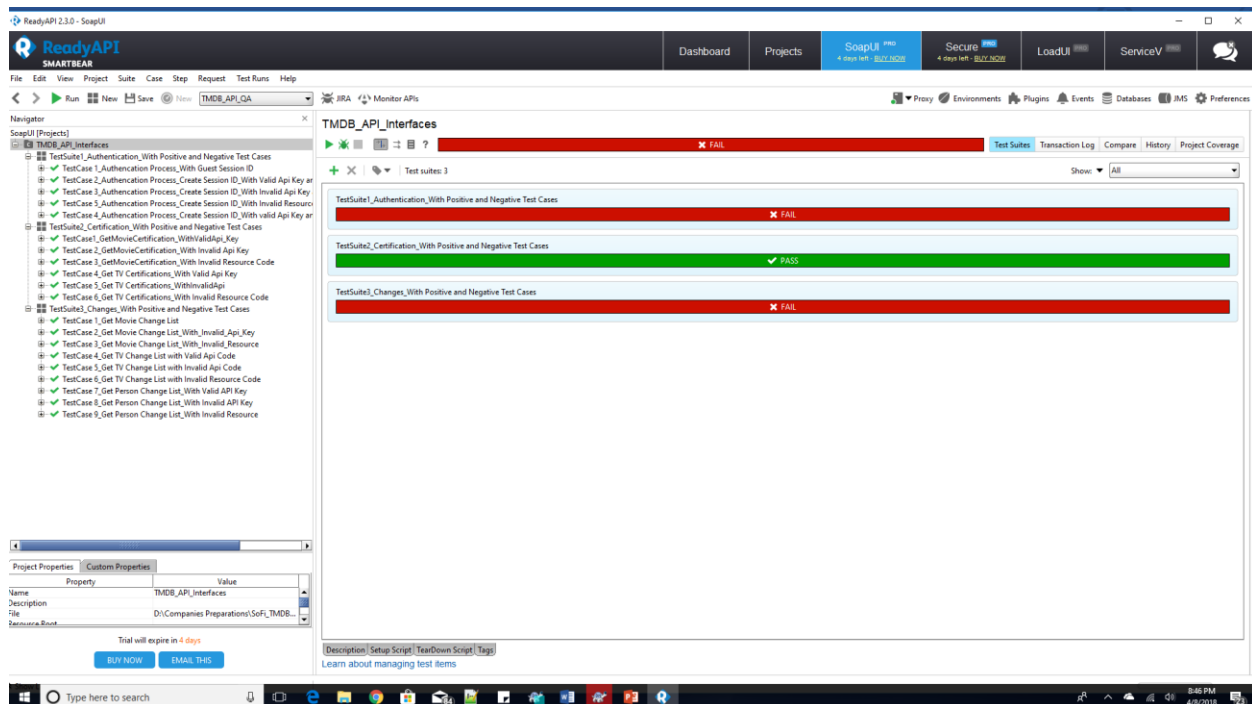
Step 1: Click on SOAP UI pro (High Lighted in Blue Color) → Click on Project (Highlighted in Yellow Color) "TMDB\_API\_Interfaces" to run the project From Project Level and Execute all the Test Suites and Test Cases in One Go.



Step 2: To Run All the Test Suites in One Go, Click on Submit Button(Triangular Shape) Highlighted in Yellow Color.

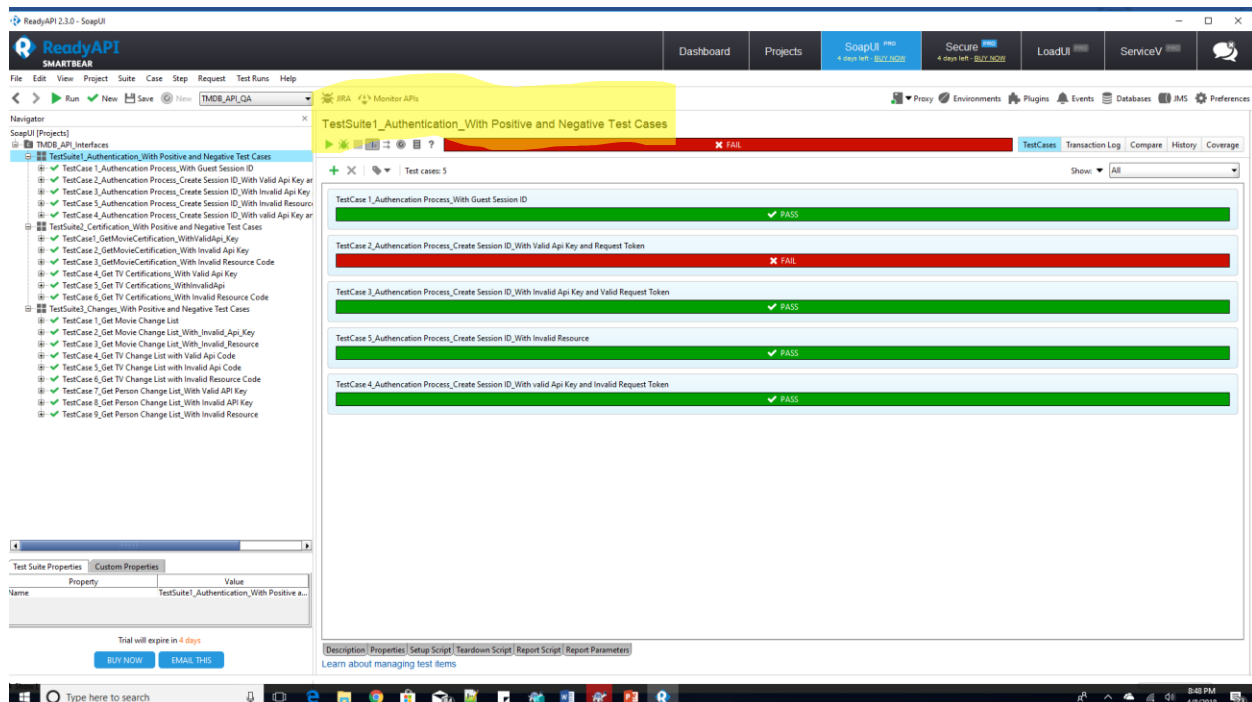


Once You Submit Your Request, all your test suites will get Executed:



To See the Status of Individual Test Case, Double Click on Test Suite name (Highlighted in Red and Green Color with Status Fail and Pass)

**Individual Test Case Status of Test Suite1 :** Test Case 2: Got failed because some time it doesn't behave as per the documentation. So assertion are getting failed and highlighted with Red Color and marked as Fail



## Individual Test Case Status of Test Suite2:

ReadyAPI 2.3.0 - SoapUI

Dashboard Projects SoapUI 4 days left: BUY NOW Secure 4 days left: BUY NOW LoadUI ServiceV

File Edit View Project Suite Case Step Request Test Runs Help

Navigator

SoapUI [Projects]

- TMDB\_API\_Interfaces
  - TestSuite1\_Authentication\_With Positive and Negative Test Cases
    - Test Case 1\_Authentication Process\_With Guest Session ID
    - Test Case 2\_Authentication Process\_Create Session ID\_With Valid Api Key ar
    - Test Case 3\_Authentication Process\_Create Session ID\_With Invalid Api Key
    - Test Case 4\_Authentication Process\_Create Session ID\_With Invalid Resource
  - TestSuite2\_Certification\_With Positive and Negative Test Cases
    - Test Case 1\_GetMovieCertification\_WithValidApi\_Key
    - Test Case 2\_GetMovieCertification\_With Invalid Api Key
    - Test Case 3\_GetMovieCertification\_With Invalid Resource Code
    - Test Case 4\_Get TV Certifications\_With Valid Api Key
    - Test Case 5\_Get TV Certifications\_WithinValidApi
    - Test Case 6\_Get TV Certifications\_With Invalid Resource Code
  - TestSuite3\_Changes\_With Positive and Negative Test Cases
    - Test Case 1\_Get Movie Change List
    - Test Case 2\_Get Movie Change List\_With\_Invalid\_Api\_Key
    - Test Case 3\_Get Movie Change List\_With\_Invalid\_Resource
    - Test Case 4\_Get TV Change List with Valid Api Code
    - Test Case 5\_Get TV Change List with Invalid Api Code
    - Test Case 6\_Get TV Change List with Invalid Resource Code
    - Test Case 7\_Get Person Change List\_With Valid Api Key
    - Test Case 8\_Get Person Change List\_With Invalid Api Key
    - Test Case 9\_Get Person Change List\_With Invalid Resource

Test Suite Properties Custom Properties

Name Property Value

TestSuite2\_Certification\_With Positive and...

Trial will expire in 4 days

BUY NOW EMAIL THIS

TestSuite2\_Certification\_With Positive and Negative Test Cases

Test Cases Transaction Log Compare History Coverage

Test cases: 6

Show: All

- Test Case 1\_GetMovieCertification\_WithValidApi\_Key
- Test Case 2\_GetMovieCertification\_With Invalid Api Key
- Test Case 3\_GetMovieCertification\_With Invalid Resource Code
- Test Case 4\_Get TV Certifications\_With Valid Api Key
- Test Case 5\_Get TV Certifications\_WithinValidApi
- Test Case 6\_Get TV Certifications\_With Invalid Resource Code

Description Properties Setup Script Teardown Script Report Script Report Parameters

Learn about managing test items

## Individual Test Case Status of Test Suite3: TestCase 9 got failed because it's not behaving as per the documentation So, Assertion Got Failed.

ReadyAPI 2.3.0 - SoapUI

Dashboard Projects SoapUI 4 days left: BUY NOW Secure 4 days left: BUY NOW LoadUI ServiceV

File Edit View Project Suite Case Step Request Test Runs Help

Navigator

SoapUI [Projects]

- TMDB\_API\_Interfaces
  - TestSuite1\_Authentication\_With Positive and Negative Test Cases
    - Test Case 1\_Authentication Process\_With Guest Session ID
    - Test Case 2\_Authentication Process\_Create Session ID\_With Valid Api Key ar
    - Test Case 3\_Authentication Process\_Create Session ID\_With Invalid Api Key
    - Test Case 4\_Authentication Process\_Create Session ID\_With Invalid Resource
  - TestSuite2\_Certification\_With Positive and Negative Test Cases
    - Test Case 1\_GetMovieCertification\_WithValidApi\_Key
    - Test Case 2\_GetMovieCertification\_With Invalid Api Key
    - Test Case 3\_GetMovieCertification\_With Invalid Resource Code
    - Test Case 4\_Get TV Certifications\_With Valid Api Key
    - Test Case 5\_Get TV Certifications\_WithinValidApi
    - Test Case 6\_Get TV Certifications\_With Invalid Resource Code
  - TestSuite3\_Changes\_With Positive and Negative Test Cases
    - Test Case 1\_Get Movie Change List
    - Test Case 2\_Get Movie Change List\_With\_Invalid\_Api\_Key
    - Test Case 3\_Get Movie Change List\_With\_Invalid\_Resource
    - Test Case 4\_Get TV Change List with Valid Api Code
    - Test Case 5\_Get TV Change List with Invalid Api Code
    - Test Case 6\_Get TV Change List with Invalid Resource Code
    - Test Case 7\_Get Person Change List\_With Valid Api Key
    - Test Case 8\_Get Person Change List\_With Invalid Api Key
    - Test Case 9\_Get Person Change List\_With Invalid Resource

Test Suite Properties Custom Properties

Name Property Value

TestSuite3\_Changes\_With Positive and Ne...

Trial will expire in 4 days

BUY NOW EMAIL THIS

TestSuite3\_Changes\_With Positive and Negative Test Cases

Test Cases Transaction Log Compare History Coverage

Test cases: 9

Show: All

- Test Case 1\_Get Movie Change List
- Test Case 2\_Get Movie Change List\_With\_Invalid\_Api\_Key
- Test Case 3\_Get Movie Change List\_With\_Invalid\_Resource
- Test Case 4\_Get TV Change List with Valid Api Code
- Test Case 5\_Get TV Change List with Invalid Api Code
- Test Case 6\_Get TV Change List with Invalid Resource Code
- Test Case 7\_Get Person Change List\_With Valid Api Key
- Test Case 8\_Get Person Change List\_With Invalid Api Key
- Test Case 9\_Get Person Change List\_With Invalid Resource

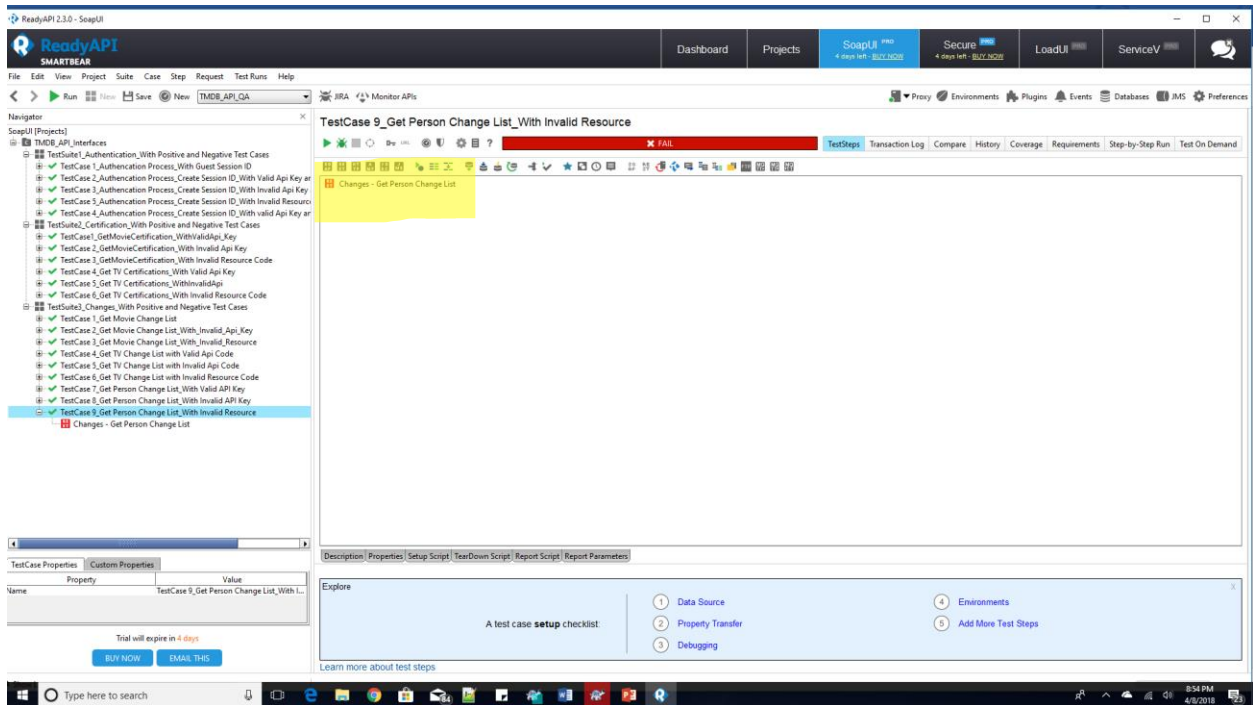
Description Properties Setup Script Teardown Script Report Script Report Parameters

Learn about managing test items

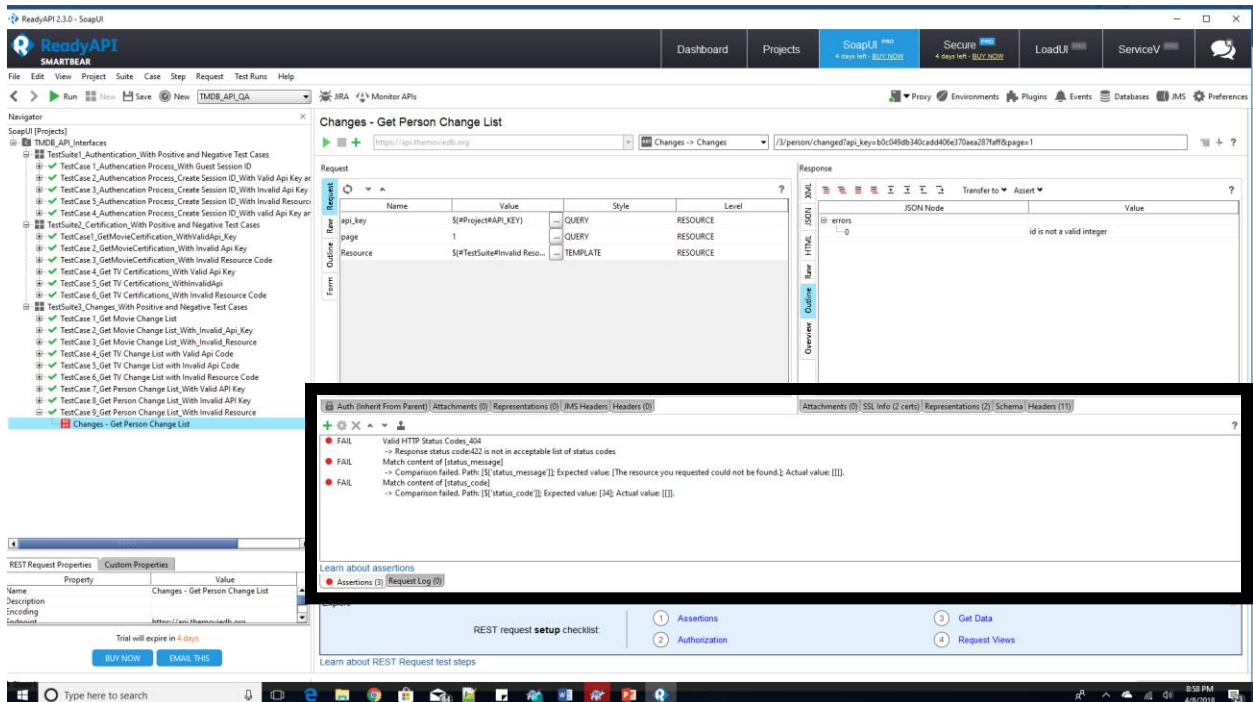


# How To Check The Logs of the Failed Test Case :

Click on the Failed Test Case (Highlighted in Red and Marked as Failed in Above Screenshot):



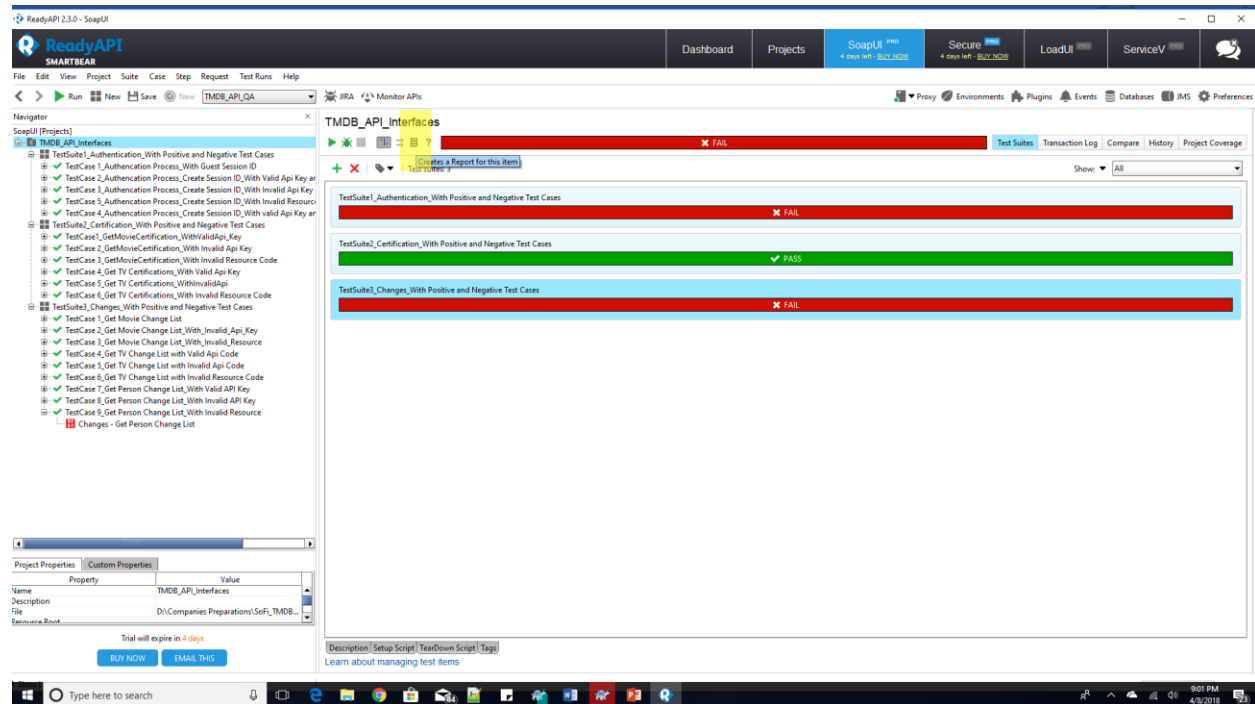
Click on the Request, Highlighted in Yellow Color in Above Screenshot: In the Highlighted box can see the Reason of the failure of the Test Case.



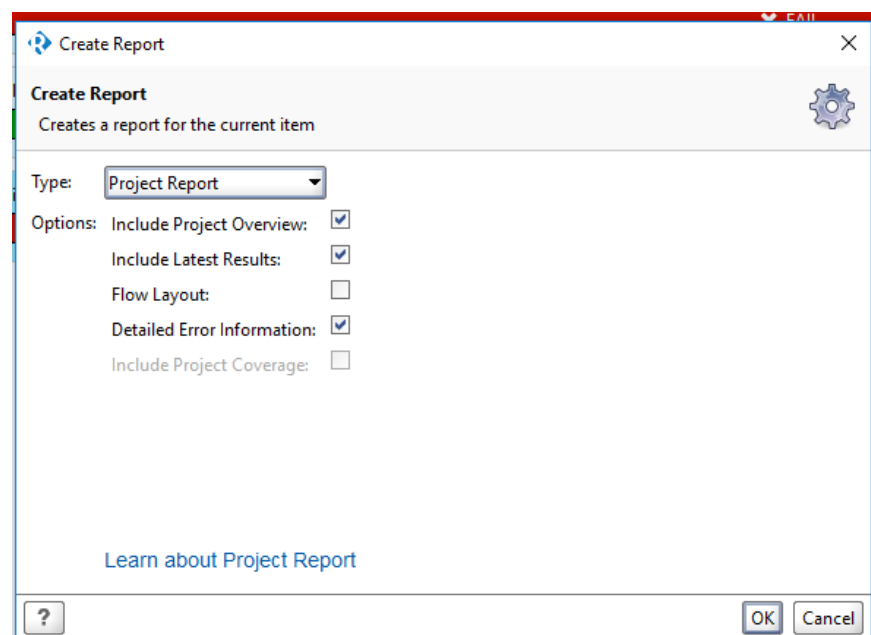
\*We can Run From Test Suite Level, Test Case Level and Individual Request in same way as explain above. And Report Can be generated from Project Level, Test Suite level and Test Case Level.

## How to Generate Reports From Project Level:

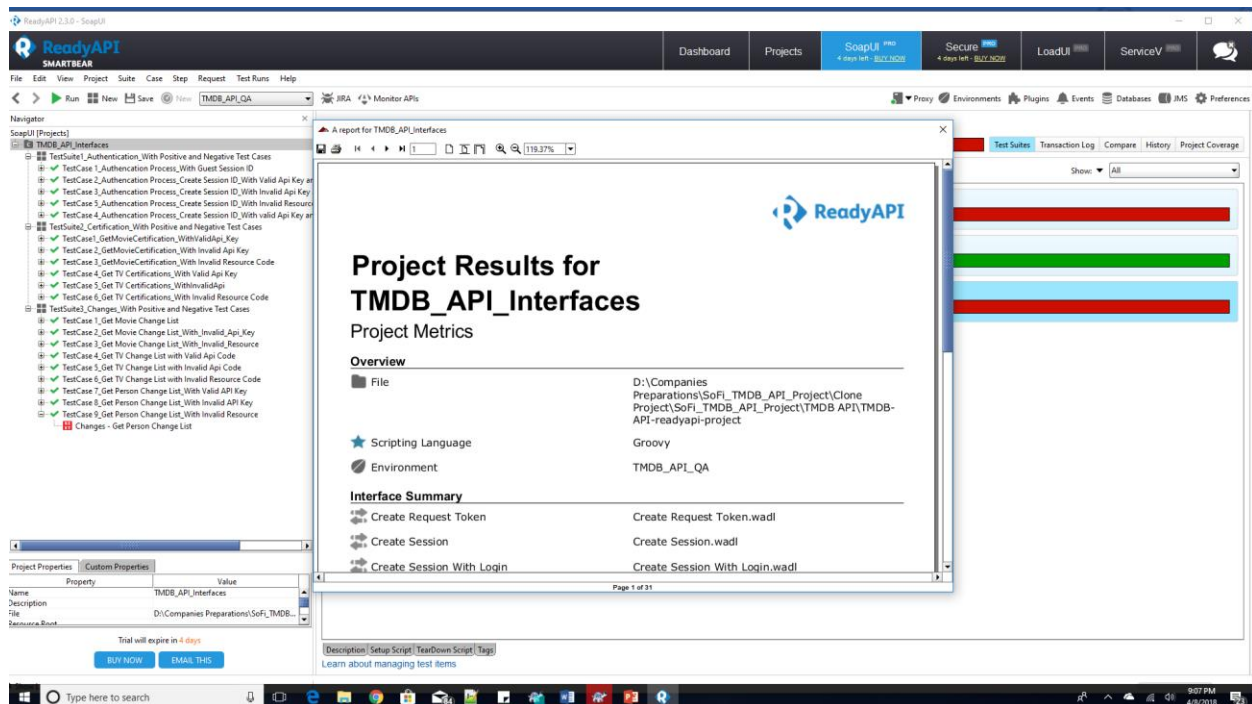
Click on the icon highlighted in Yellow Color in given Below:



Select Type of your choice of format you want, I'm generating PDF Report and click ok Button



Here You Can See Report Is Generated for all the Test cases with Details analysis.



I have included sample Report in GIT Repository at below mentioned Path

"SoFi\_TMDB\_API\_Project/Report\_Extracted\_From\_Tool/ TMD\_API\_Interfaces\_Project-Report.pdf"

## How to Run Project From Command Line:

Change Directory of your local system of your cloned Project in the bat file at the below mentioned path, and Double click on this to run the complete project.

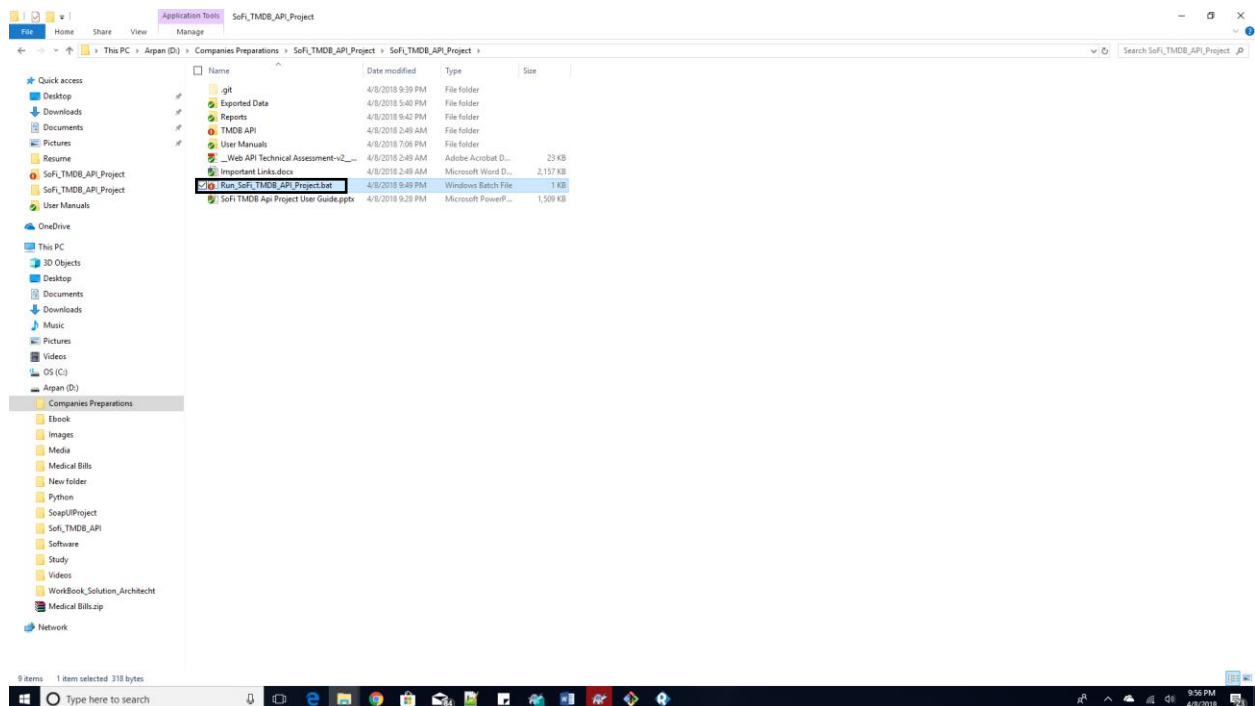
Run Bat file after changes in .bat file as per your directory it will run the complete Project

SoFi\_TMDB\_API\_Project/Run\_SoFi\_TMDB\_API\_Project.bat

To Check the Logs of the Run project by bat file, Check the Below mentioned path. And double click on index.html file:

D:\Companies Preparations\SoFi\_TMDB\_API\_Project\SoFi\_TMDB\_API\_Project\Reports\html Reports\ index.html

Double Click on the bat file(Run\_SoFi\_TMDB\_API\_Project.bat) after your changes, currently it has changes as per my local system.



It will open the Command Prompt and Run all your test cases.

```
C:\WINDOWS\system32\cmd.exe

Configuring log4j from [C:\Program Files\SmartBear\ReadyAPI-2.3.0\bin\soapui-log4j.xml]
21:59:33,079 INFO [license] ReadyAPI 2.3.0 (build 433) started - System properties: {OS=Windows 10, User name=saini}
21:59:33,084 INFO [SoapUIExtensionClassLoader] Adding [C:\Program Files\SmartBear\ReadyAPI-2.3.0\bin\ext\postgresql-9.3-1102.jdbc41.jar] to extensions classpath
21:59:33,085 INFO [SoapUIExtensionClassLoader] Adding [C:\Program Files\SmartBear\ReadyAPI-2.3.0\bin\ext\sqljdbc42.jar] to extensions classpath
21:59:33,130 INFO [DefaultSoapUICore] Registered 2 JDBC drivers from extensions directory: [org.postgresql.Driver, com.microsoft.sqlserver.jdbc.SQLServerDriver]
21:59:33,366 INFO [DefaultSoapUICore] SoapUI settings were initialized from [C:\Users\saini\soapui-settings.xml]
21:59:33,538 INFO [DefaultSoapUICore] Adding listeners from [C:\Program Files\SmartBear\ReadyAPI-2.3.0\bin\listeners\demo-listeners.xml]
21:59:33,558 WARN [SoapUIJasperReportManager] The report directory "C:\Program Files\SmartBear\ReadyAPI-2.3.0\bin" does not exist. The default report directory will be used.
21:59:35,303 DEBUG [LicenseManagerServiceImpl] Trying to initialize license for SoapUI
21:59:35,304 DEBUG [LicenseManagerServiceImpl] No license found for SoapUI
21:59:35,308 DEBUG [LicenseManagerServiceImpl] License host for SoapUI: DESKTOP-2G2HB6F
21:59:35,310 DEBUG [LicenseManagerServiceImpl] Trying to initialize license for SoapUI
21:59:35,310 DEBUG [LicenseManagerServiceImpl] License host for SoapUI: DESKTOP-2G2HB6F
21:59:35,325 DEBUG [LicenseManagerServiceImpl] Valid license file found: C:\Users\saini\soapui\soapui.key, last modified: Fri Mar 30 19:18:17 MDT 2018
21:59:35,334 DEBUG [LicenseManagerServiceImpl] Trying to initialize license for LoadUI
21:59:35,335 DEBUG [LicenseManagerServiceImpl] No license found for LoadUI
21:59:35,339 DEBUG [LicenseManagerServiceImpl] License host for LoadUI: DESKTOP-2G2HB6F
21:59:35,342 DEBUG [LicenseManagerServiceImpl] Trying to initialize license for Secure
21:59:35,344 DEBUG [LicenseManagerServiceImpl] No license found for Secure
21:59:35,349 DEBUG [LicenseManagerServiceImpl] License host for Secure: DESKTOP-2G2HB6F
21:59:35,361 DEBUG [LicenseManagerServiceImpl] Trying to initialize license for ServiceV
21:59:35,362 DEBUG [LicenseManagerServiceImpl] No license found for ServiceV
21:59:35,367 DEBUG [LicenseManagerServiceImpl] License host for ServiceV: DESKTOP-2G2HB6F
```

To Check the Execution Status, Go to Below Mentioned Path:

D:\Companies Preparations\SoFi\_TMDB\_API\_Project\SoFi\_TMDB\_API\_Project\Reports\html Reports\index.html

You Can See Total 20 Test cases are Run, To check the status of Individual Test Suite click on the TestSuite Hype Link given on the Left hand side in the below mentioned screenshot.

The screenshot shows the SoapUI Test Results summary page. The left sidebar contains a navigation menu with 'Home', 'Projects', and 'TestSuites'. The main content area displays the 'Summary' for the 'THDB\_API\_Interfaces' project. A table shows the overall test results: 20 TestCases, 0 Errors, 2 Failures, a 90.00% Success rate, and a total Time of 3.392 seconds. Below the summary, a table lists the individual test cases, with 'THDB\_API\_Interfaces' highlighted as the selected test suite.

TestCases	Failures	Errors	Success rate	Time (s)
20	2	0	90.00%	3.392

Note: failures are anticipated and checked for with assertions while errors are unanticipated.

Name	TestCases	Errors	Failures	Time (s)	Time Stamp	Host
THDB_API_Interfaces	20	0	2	3.392		

Below is the Execution status of the Individual Test Case, With Failed explanation in case if test case is failed

The screenshot shows the detailed view of the test results for the 'THDB\_API\_Interfaces' project. The left sidebar shows the 'TestSuites' section with a link to 'THDB\_API\_Interfaces.TestSuite1\_Authentication\_With Positive and Negative Test Cases'. The main content area displays the 'TestCases' table, which includes a failed test case. The failed test case is 'Testcase 2\_Authentication Process, Create Session ID, With Valid Api Key and Request Token'. The failure message indicates that the test run was cancelled due to a failed test step, specifically 'Authentication - Create Session Failed'. The failure message also includes a JSON path and a comparison failure: '[Match content of {success}] comparison failed. Path: [!['success']] Expected value: [true]; Actual value: [{}].'

Name	Status	Type	Time (s)
Testcase 1_Authentication Process, With Guest Session ID	Success		0.703
Testcase 2_Authentication Process, Create Session ID, With Valid Api Key and Request Token	Failure	The test run was cancelled due to a failed test step. Authentication - Create Session Failed [Match content of {success}] comparison failed. Path: [!['success']] Expected value: [true]; Actual value: [{}].	0.160
Testcase 3_Authentication Process, Create Session ID, With Invalid Api Key and Valid Request Token	Success		0.192
Testcase 4_Authentication Process, Create Session ID, With Invalid Resource	Success		0.149
Testcase 5_Authentication Process, Create Session ID, With Valid Api Key and Invalid Request Token	Success		0.156

# Dashboard :

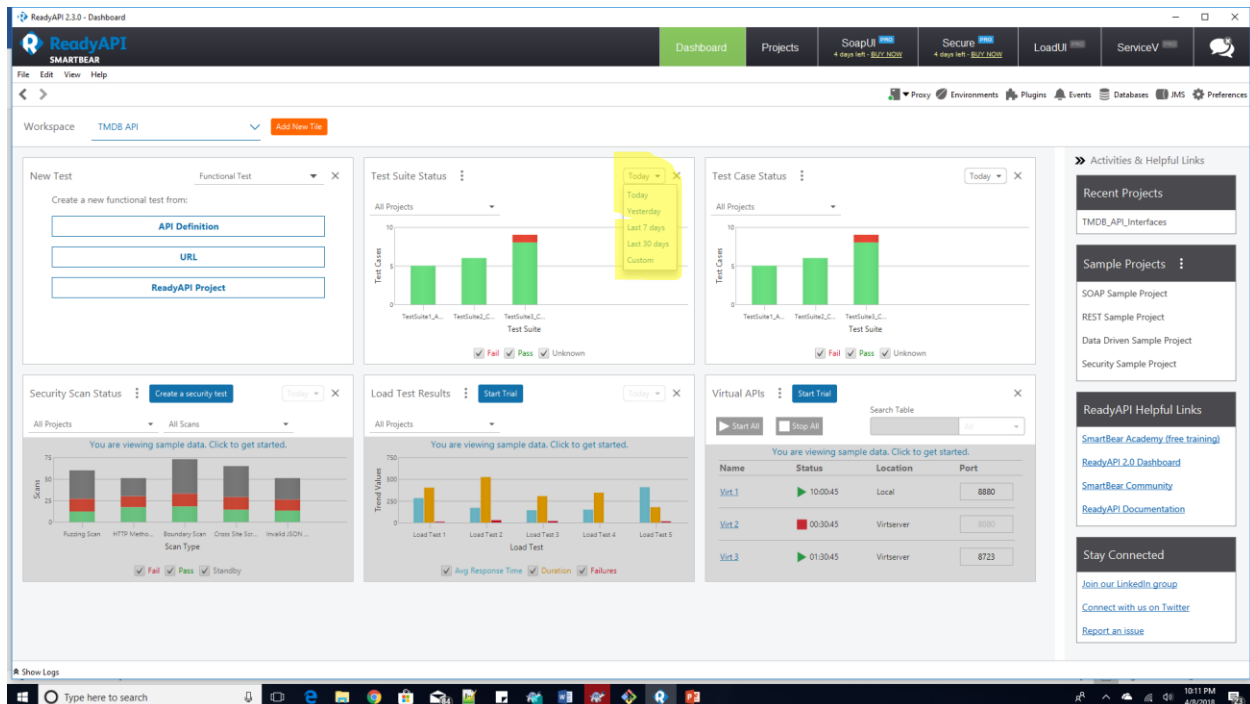
Project Run :

The screenshot shows the ReadyAPI 2.3.0 - SoapUI interface. The top navigation bar includes tabs for Dashboard, Projects, SoapUI, Secure, LoadUI, and ServiceV. The main workspace displays the 'TMDb\_API\_Interfaces' project. The left sidebar shows the project structure with 'TMDb\_API\_Interfaces' selected. The main area shows the test suite status for 'TMDb\_API\_Interfaces' with a red bar indicating a failure. Below this, three test suites are listed: 'TestSuite1\_Authentication\_With Positive and Negative Test Cases' (PASS), 'TestSuite2\_Certification\_With Positive and Negative Test Cases' (PASS), and 'TestSuite3\_Changes\_With Positive and Negative Test Cases' (FAIL). The bottom status bar shows the trial will expire in 4 days.

Step 1: Go to Dashboard Tab (Highlighted in Green Color) : Highlighted is the Test Suite and Test Case Status.

The screenshot shows the ReadyAPI 2.3.0 - Dashboard interface. The top navigation bar includes tabs for Dashboard, Projects, SoapUI, Secure, LoadUI, and ServiceV. The main workspace displays the 'TMDb\_API\_Interfaces' project. The left sidebar shows the project structure with 'TMDb\_API\_Interfaces' selected. The main area shows the 'Test Suite Status' and 'Test Case Status' charts. The 'Test Suite Status' chart shows the status of three test suites: 'TestSuite1\_A...', 'TestSuite2\_C...', and 'TestSuite3\_C...'. The 'Test Case Status' chart shows the status of three test cases: 'TestSuite1\_A...', 'TestSuite2\_C...', and 'TestSuite3\_C...'. The bottom status bar shows the trial will expire in 4 days.

**For Customized Dashboard:** You can select the option as Today , Yesterday or Custom (if you want to see the dashboard of Previous dates)



You Can Generate the Reports From Here To (Highlighted in Yellow Color in below screenshot)

