**Prepare UnitTestProject(.NetFramework)**

Login.cs file

namespace LoginTableDemo

{

public class Login

{

public string Email { get; set; }

public string Password { get; set; }

public int Check(string email, string password) {

if (email.Equals("nikunj@gmail.com") && password.Equals("Nikunj@123")) {

Console.WriteLine("User Verified : " + email);

return 1;

}

else if (email.Equals("admin@gmail.com") && password.Equals("Admin@123")) {

Console.WriteLine("User Verified : " +email);

return 1;

}

else

{

Console.WriteLine("Unauthosired Access for: "+email);

return 0;

}

}

}

}

Goto> solution> right click on it > add>new project

**Prepare spackflow project**

**Login.feature**

Feature: Login

*![Calculator](https://specflow.org/wp-content/uploads/2020/09/calculator.png)*

*Simple calculator for adding \*\*two\*\* numbers*

*Link to a feature: [Calculator](SpecFlowProjectLogin/Features/Calculator.feature)*

*\*\*\*Further read\*\*\*: \*\*[Learn more about how to generate Living Documentation](https://docs.specflow.org/projects/specflow-livingdoc/en/latest/LivingDocGenerator/Generating-Documentation.html)\*\**

@mytag

Scenario: Authentication

Given the email is nikunj@gmail.com

And the password is Nikunj@123

When user enter email and password

| *email* | *password* |

| nikunj@gmail.com | Nikunj@123 |

| admin@gmail.com | admin@123 |

Then user authentication ends

**LoginStepDefinitions.cs**

using LoginTableDemo;

namespace SpecFlowProjectLogin.StepDefinitions

{

[Binding]

public sealed class LoginStepDefinitions

{

private readonly ScenarioContext \_scenarioContext;

private readonly Login login = new Login();

private int \_result;

public LoginStepDefinitions(ScenarioContext scenarioContext)

{

\_scenarioContext = scenarioContext;

}

[Given("the email is (.\*)")]

public void GivenTheEmailIs(string email)

{

login.Email = email;

}

[Given("the password is (.\*)")]

public void GivenThePasswordIs(string password)

{

login.Password = password;

}

[When(@"user enter email and password")]

public void WhenUserEnterEmailAndPassword(Table table)

{

foreach (var row in table.Rows)

{

\_result = login.Check(row[0], row[1]);

}

}

[Then(@"user authentication ends")]

public void UserAuthenticationEnds()

{

Console.WriteLine("User Authentication Finished");

}

}

}