

Phase-End Project

Customer Support Logger

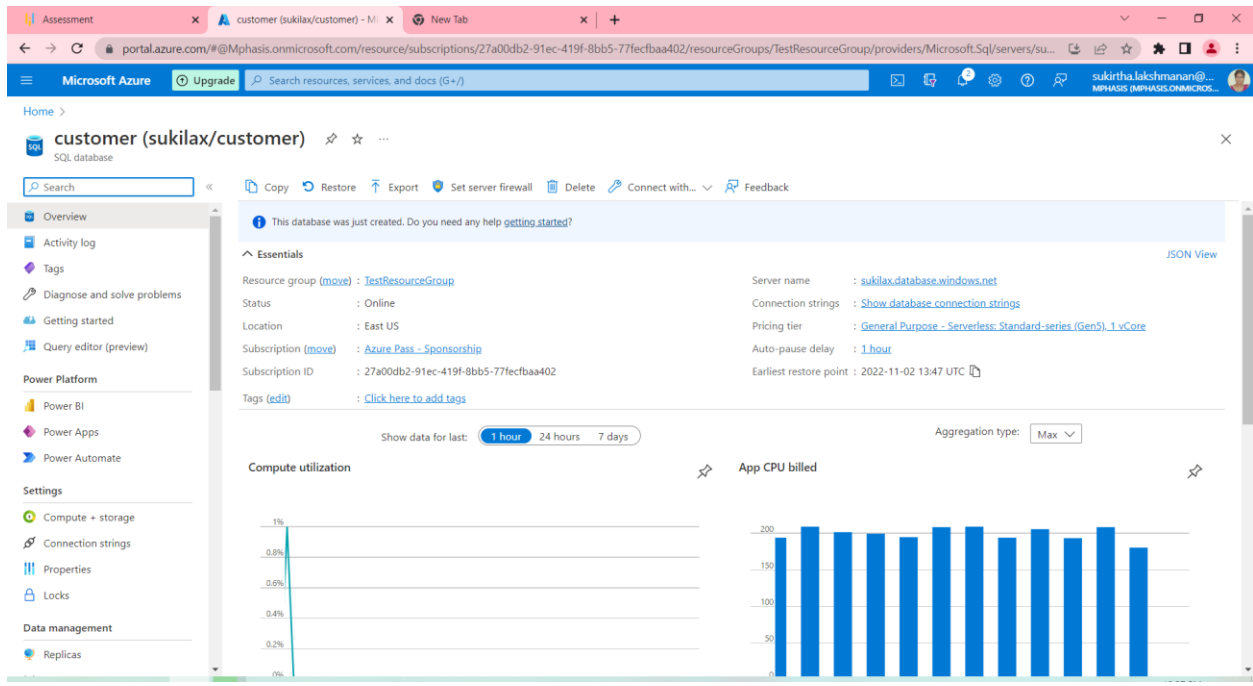
Screenshots:

Docker Desktop output after creating MVC application with docker support:

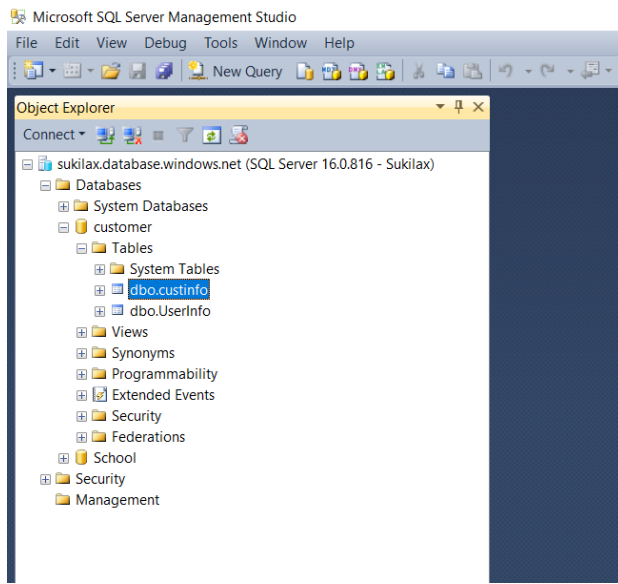
The screenshot shows the Docker Desktop application window. The top bar is blue with the 'Docker Desktop' logo, an 'Update to latest' button, and a 'Sign in' button. The left sidebar contains navigation options: 'Containers', 'Images', 'Volumes', 'Dev Environments' (marked BETA), 'Extensions' (marked BETA), and 'Add Extensions'. The main area is titled 'Containers' with a 'Give feedback' link. Below the title is a description: 'A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)'. There is a toggle switch for 'Only show running containers' and a search bar. A table lists the containers with columns: NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTIONS. The first container, 'dazzling_tu', is highlighted with a red border and is in a 'Running' state. The other containers are in an 'Exited' state.

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	dazzling_tu 94798eba9859	sukirthalakshmanan/customer:latest	Running	9093:80	3 minutes ago	
<input type="checkbox"/>	elegant_carver a5d356f9a0b9	sukirthalakshmanan/demo:latest	Exited	9090:80		
<input type="checkbox"/>	jolly_mcclintock 52f1ac8b2184	sukirthalakshmanan/loginpage:latest	Exited	9091:80		
<input type="checkbox"/>	jovial_taussig 77b497bd0213	-	Exited	9091:80		
<input type="checkbox"/>	friendly_brown 8387f5eb200f	sukirthalakshmanan/demo:latest	Exited	9090:80		
<input type="checkbox"/>	distracted_jederberg 3ab1aa602299	sukirthalakshmanan/demo:latest	Exited	9090:80		
<input type="checkbox"/>	ecstatic_shtern bcff5cb1c45a	docker/getting-started:latest	Exited (255)	81:80		

After creating SQLServer database on Azure



Azure database in Local machine:



UserInfo:

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'customer'. The central pane shows the SQL script for creating the 'UserInfo' table and inserting a single record. The bottom pane shows the results of the 'select * from UserInfo' query, displaying one row with Userid 1, Email 'suki123@gmail.com', and password 'abcd123'.

```
1 create database customer
2 use customer
3 create table UserInfo(UserId int primary key,Email varchar(20),passwords varchar(20))
4 insert into UserInfo values(1,'suki123@gmail.com','abcd123')
5 select * from UserInfo
6
7 create table custinfo(logid int primary key,customer_email varchar(20),customer_name varchar(20),log_status varchar(20),descriptions varchar(20))
8 insert into custinfo values(1,'suki123@gmail.com','suki','done','laptop')
9 select *from custinfo
```

Userid	Email	passwords
1	suki123@gmail.com	abcd123

Custinfo:

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'customer'. The central pane shows the SQL script for creating the 'custinfo' table and inserting two records. The bottom pane shows the results of the 'select * from custinfo' query, displaying two rows: one with logid 1 and another with logid 10.

```
1 create database customer
2 use customer
3 create table UserInfo(UserId int primary key,Email varchar(20),passwords varchar(20))
4 insert into UserInfo values(1,'suki123@gmail.com','abcd123')
5 select * from UserInfo
6
7 create table custinfo(logid int primary key,customer_email varchar(20),customer_name varchar(20),log_status varchar(20),descriptions varchar(20))
8 insert into custinfo values(1,'suki123@gmail.com','suki','done','laptop')
9 select *from custinfo
```

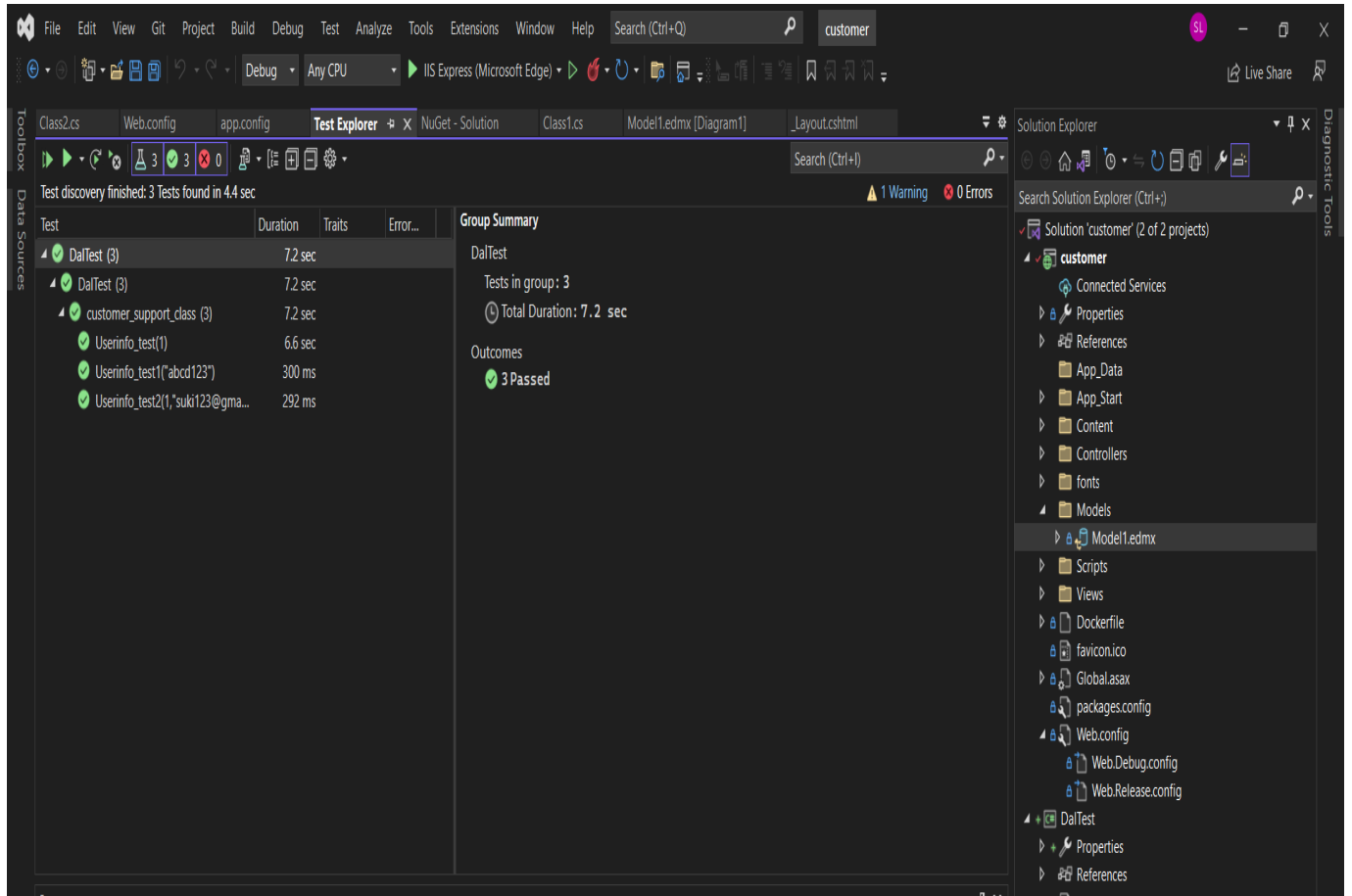
logid	customer_email	customer_name	log_status	descriptions
1	suki123@gmail.com	suki	done	laptop
10	suki@gmail.com	SukirthaL	Pass	connect

Query executed successfully. | sukilax.database.windows.net | Sukilax (51) | customer | 00:00:00 | 2 rows

Testing All Test cases:

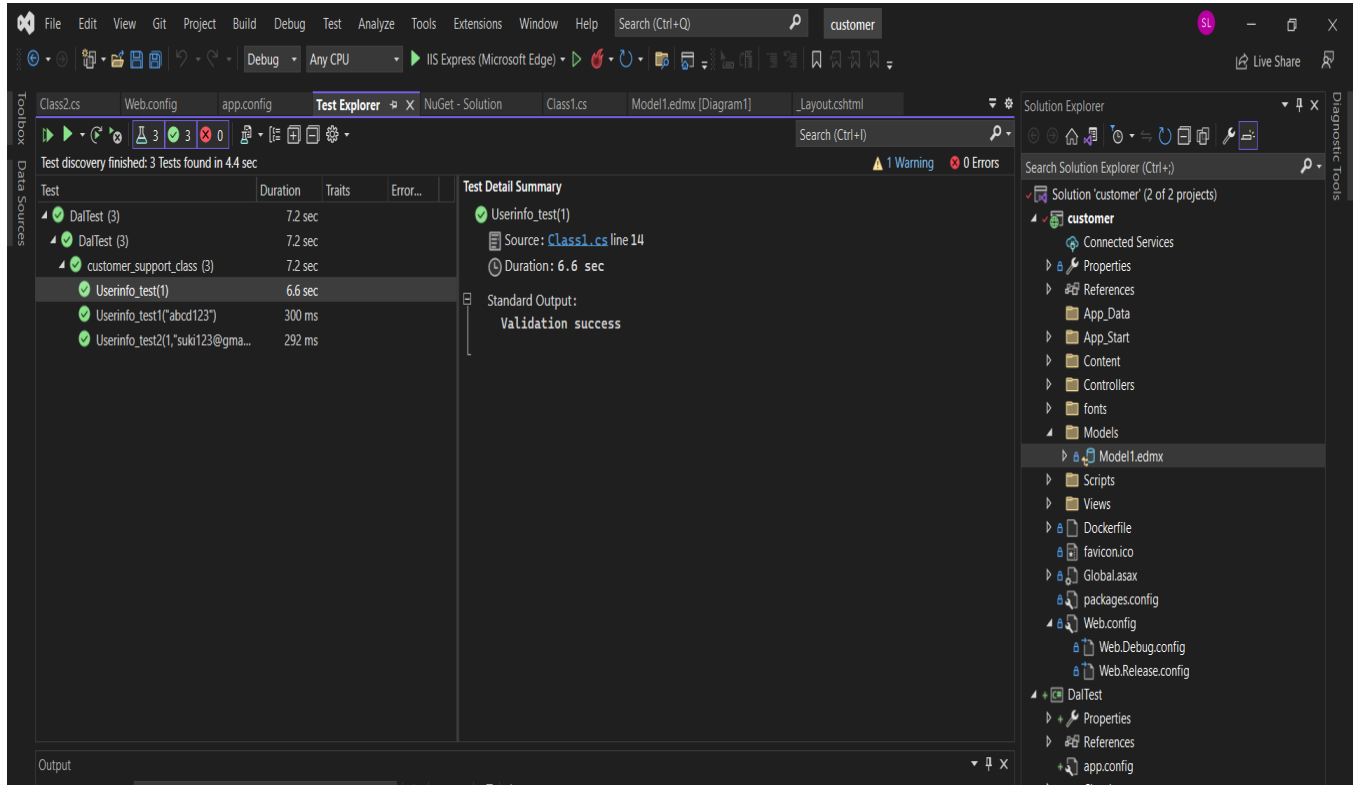
UserInfo and CustInfo Test cases:

All test cases passed here.



UserInfo_test(1):

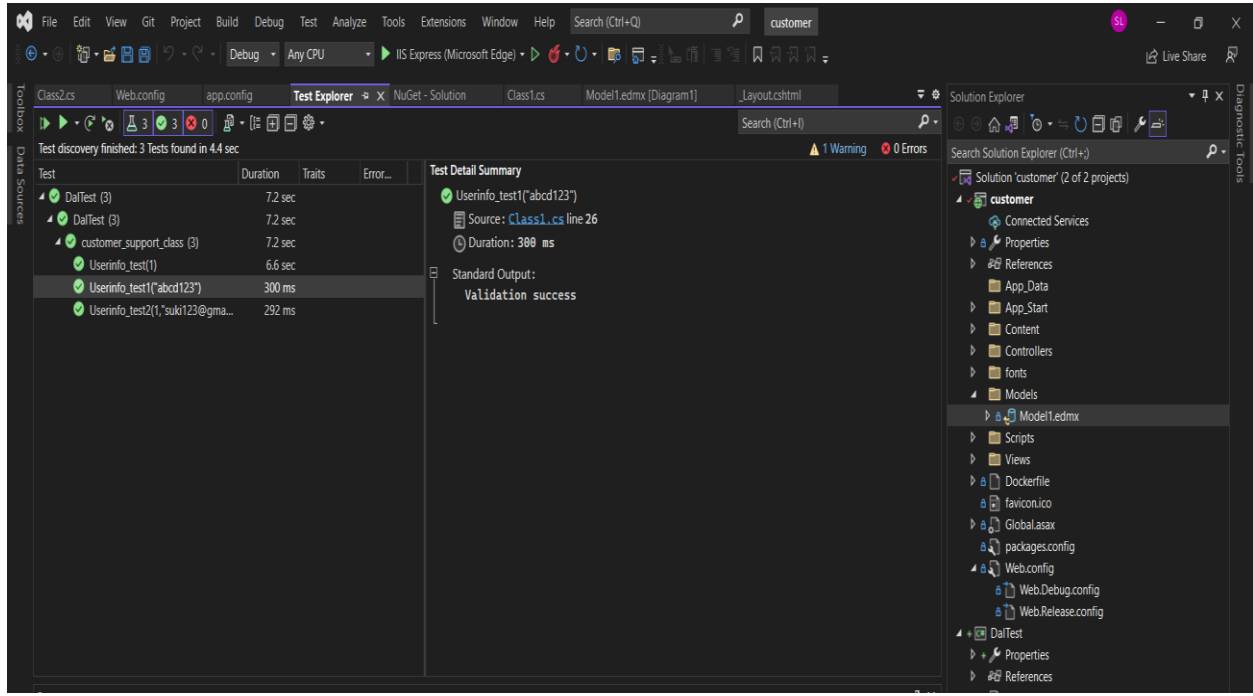
In CustInfo On Testing the Log id:



Checking Password in login page:

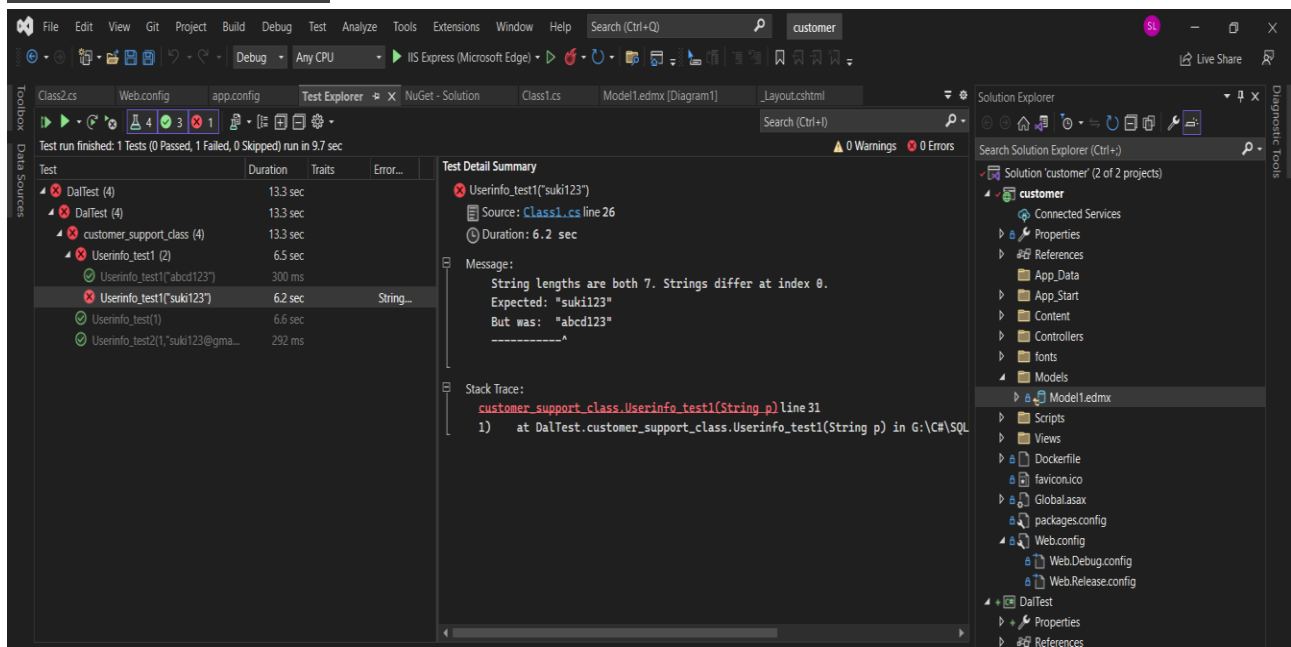
Test case Passed:

Giving the same password as in Azure database so that Testcase passed.

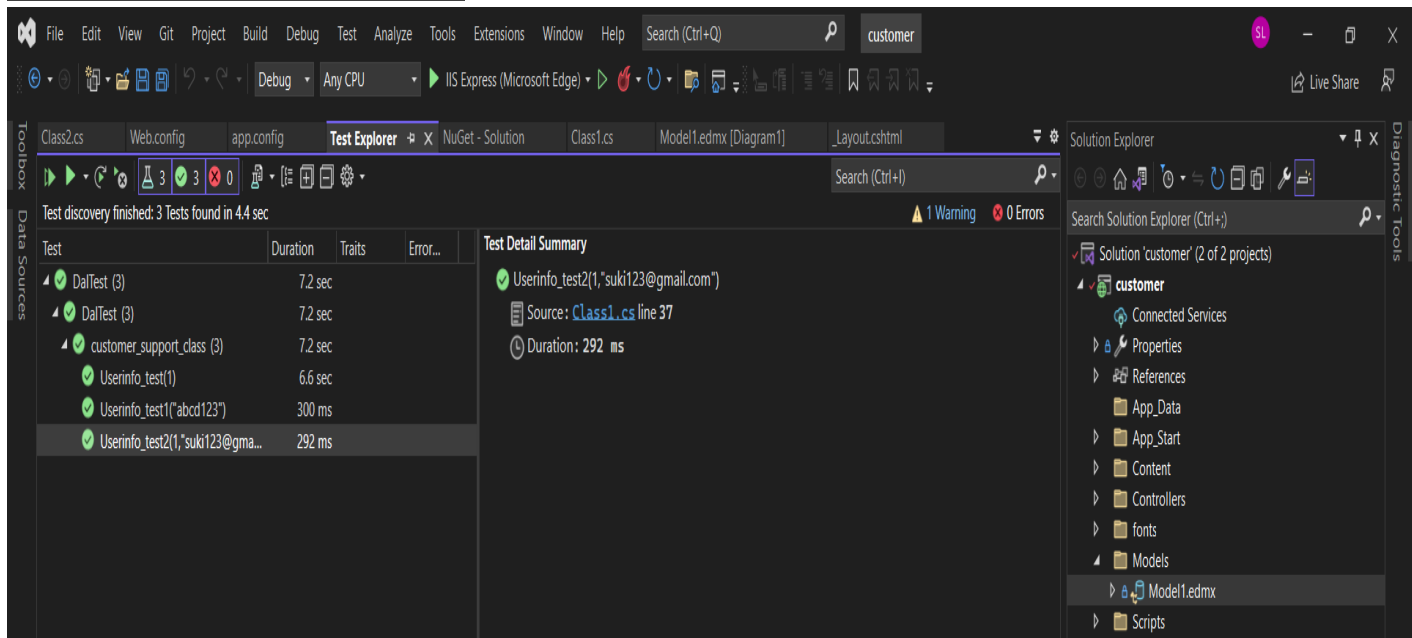


Test case Failed:

Incorrect password:

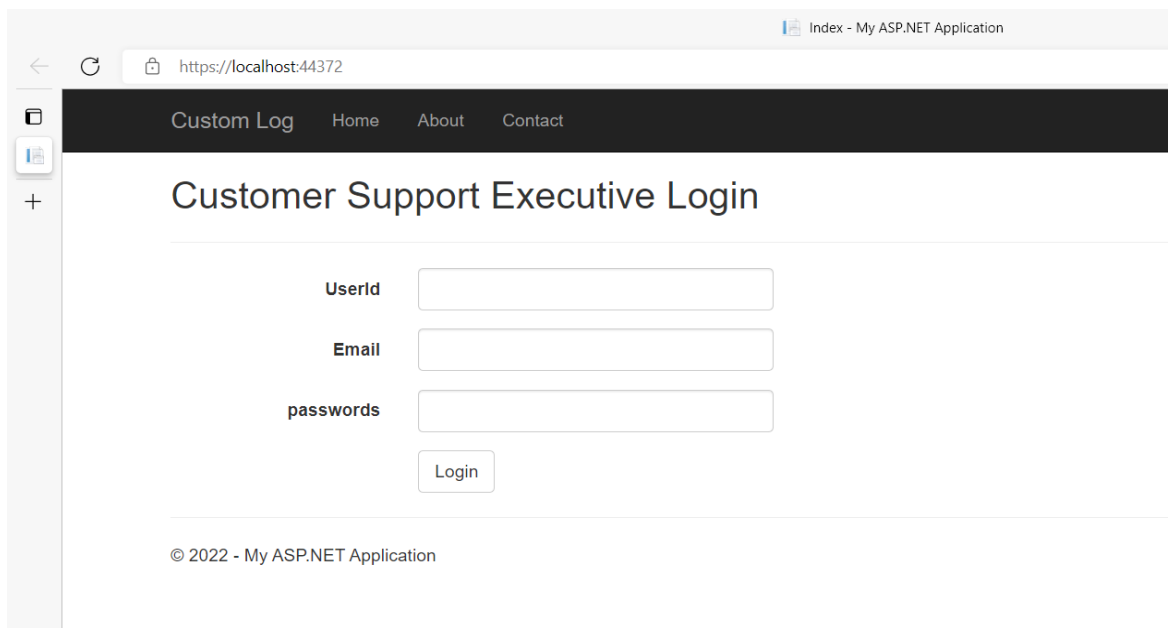


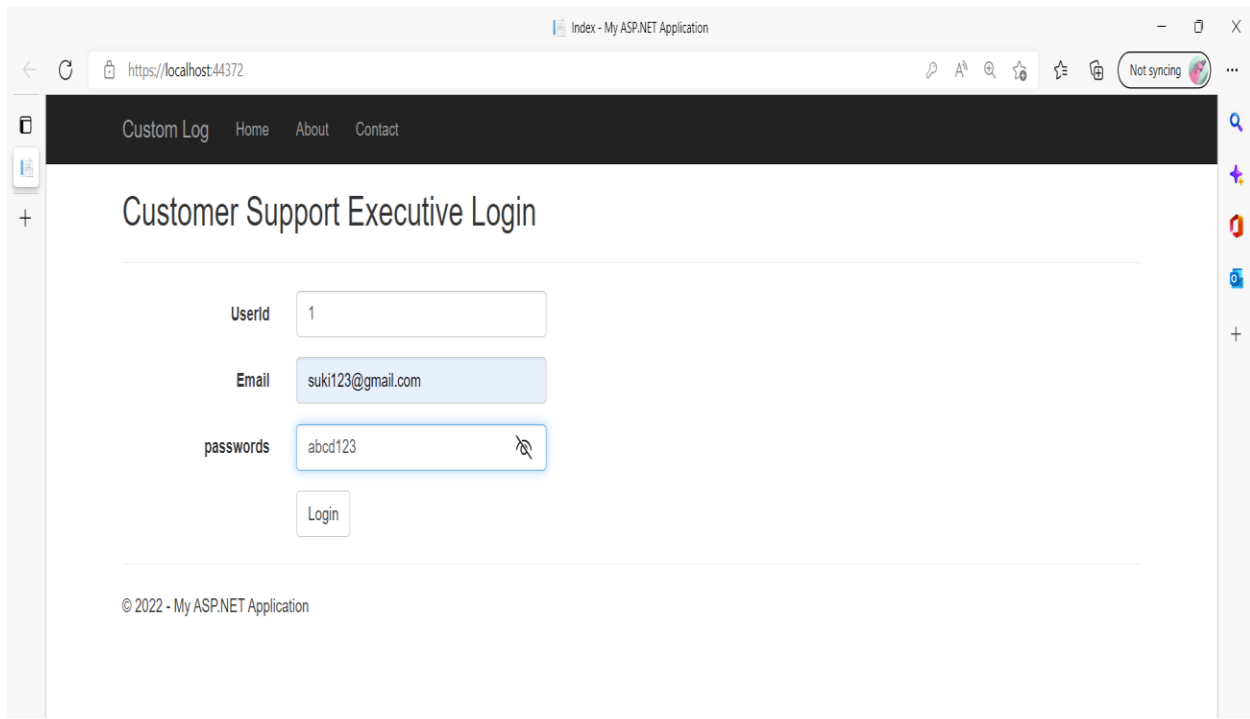
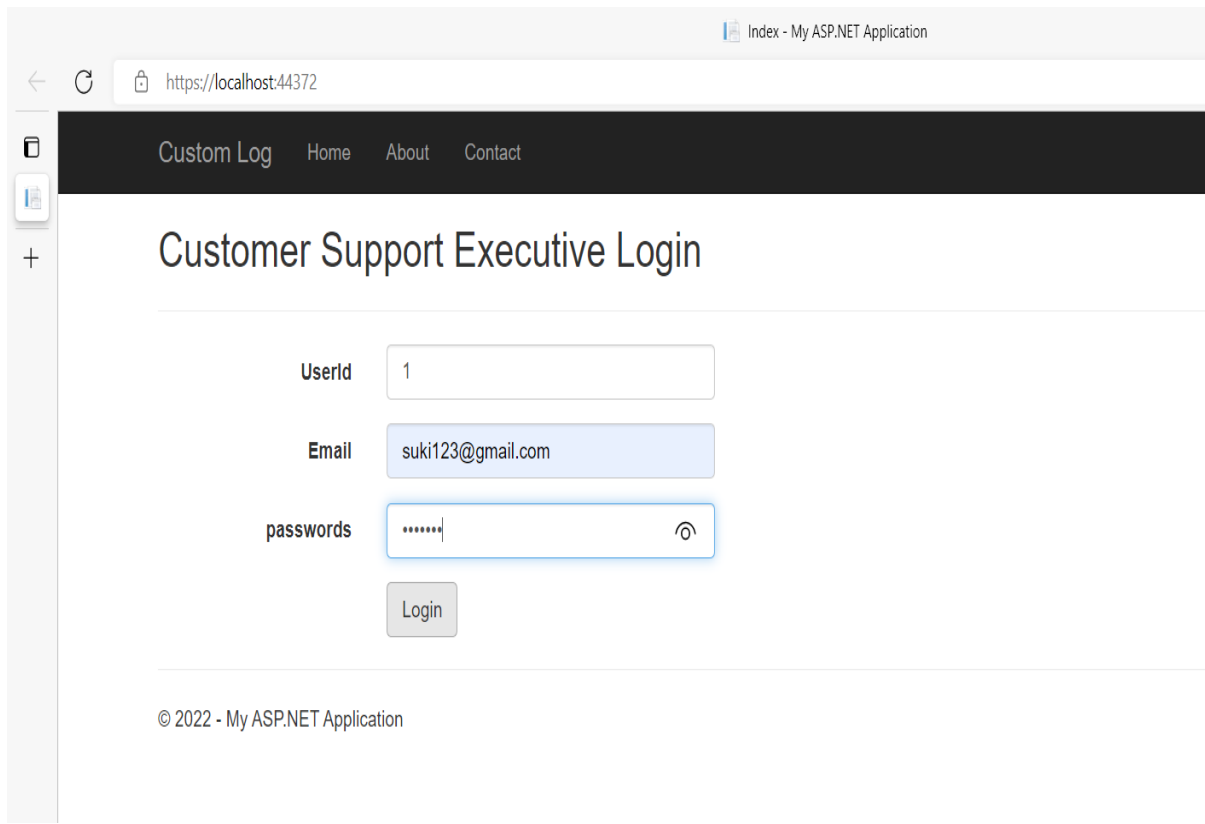
Checking Email and UserId:



After executing MVC application

a. Customer executive login page:





Login:

Index - My ASP.NET Application

https://localhost:44372

Custom Log Home About Contact

Customer Support Executive Login

Userid

Email

passwords

Login

© 2022 - My ASP.NET Application

Dashboard:

Dashboard - My ASP.NET Application

https://localhost:44372/Home/Dashboard

Custom Log Home About Contact

Dashboard

custinfo

logid

customer_email

customer_name

log_status

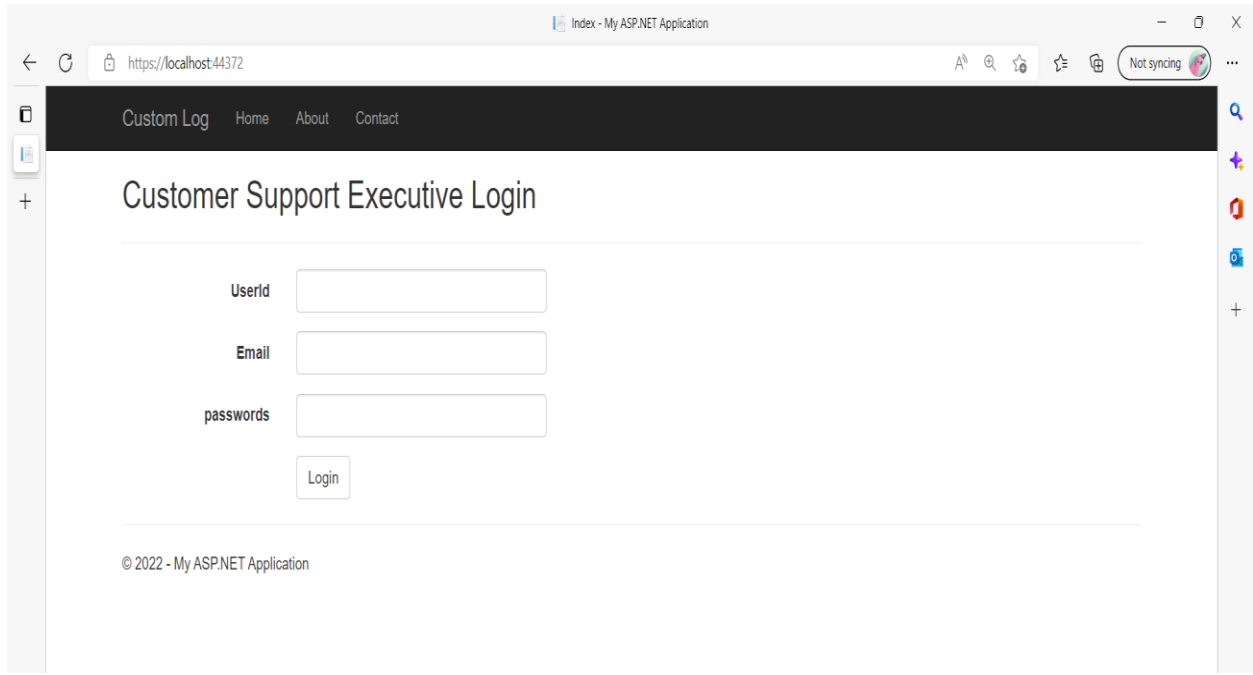
descriptions

Create

[Back to List](#)

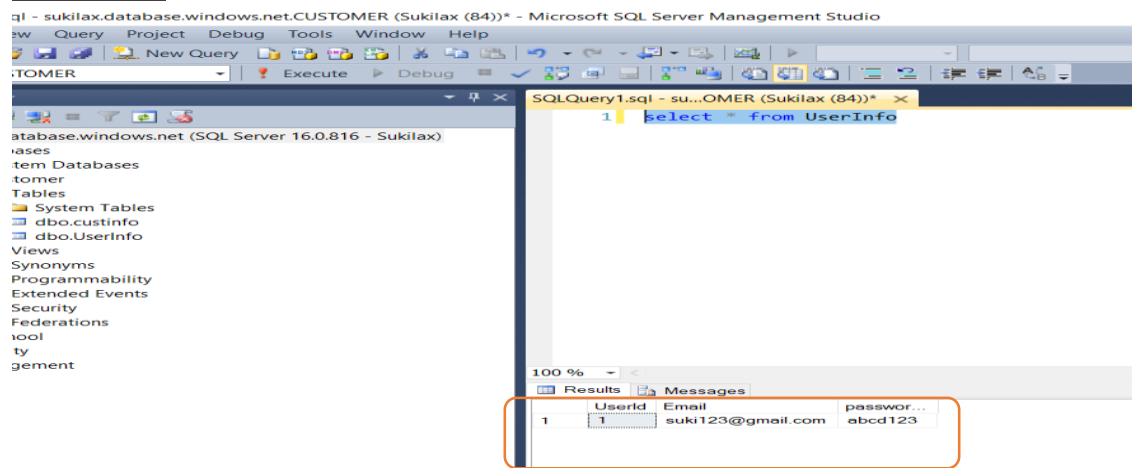
© 2022 - My ASP.NET Application

After Registering complaint successfully Redirects to Login page:



Verifying results into the database by connecting to SQL Server Management Studio (SSMS):

UserInfo:



Customer Support Info:

SQLQuery1.sql - sukilax.database.windows.net.CUSTOMER (Sukilax (84))* - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

CUSTOMER Execute Debug

Object Explorer

Connect

sukilax.database.windows.net (SQL Server 16.0.816 - Sukilax)

Databases

System Databases

customer

Tables

System Tables

dbo.custinfo

dbo.UserInfo

Views

Synonyms

Programmability

Extended Events

Security

Federations

School

Security

Management

SQLQuery1.sql - su...OMER (Sukilax (84))*

```
1 select * from custinfo
```

100 %

Results Messages

	logid	customer_email	customer_name	log_stat...	descriptio...
1	1	suki123@gmail.com	suki	done	laptop
2	7	suki3@gmail.com	SukirthaL	Pass	lapapp
3	10	suki@gmail.com	SukirthaL	Pass	connect
4	115	suki@gmail.com	Vasukidevi M S V	Pass	Mobile

Model:

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q) customer

Debug Any CPU IIS Express (Microsoft Edge)

Class1.cs Web.config app.config _Layout.cshtml Dashboard.cshtml Index.cshtml HomeController.cs* Model1.edmx [Diagram1]

Solution Explorer

Search Solution Explorer (Ctrl+)

Solution 'customer' (2 of 2 projects)

customer

Connected Services

Properties

References

App_Data

App_Start

Content

Controllers

fonts

Models

Model1.edmx

Model1.Context.tt

Model1.Context.cs

Model1.Designer.cs

Model1.edmx.diagram

Model1.tt

custinfo.cs

Model1.cs

Userinfo.cs

Scripts

Views

Dockerfile

faviconico

Global.asax

Data Sources

Toolbox

custinfo

Properties

logid

customer_email

customer_name

log_status

descriptions

Navigation Properties

Userinfo

Properties

Userid

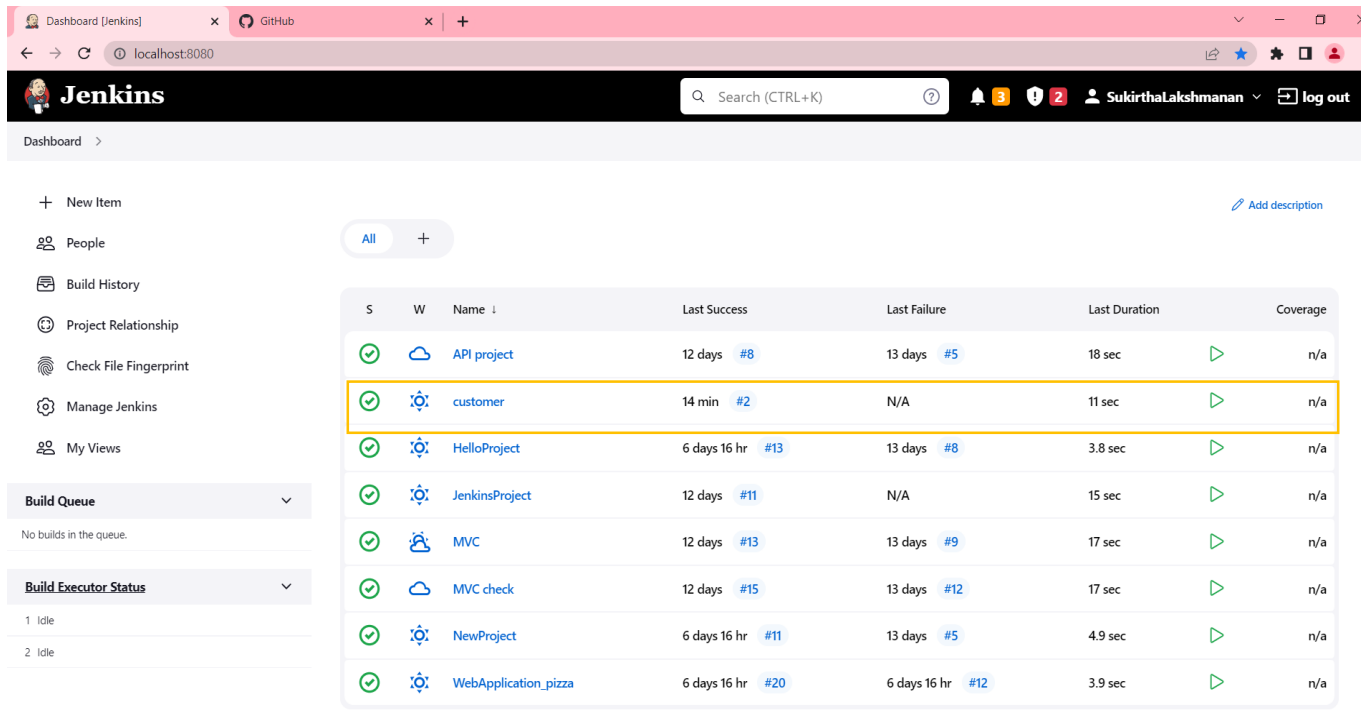
Email

passwords

Navigation Properties

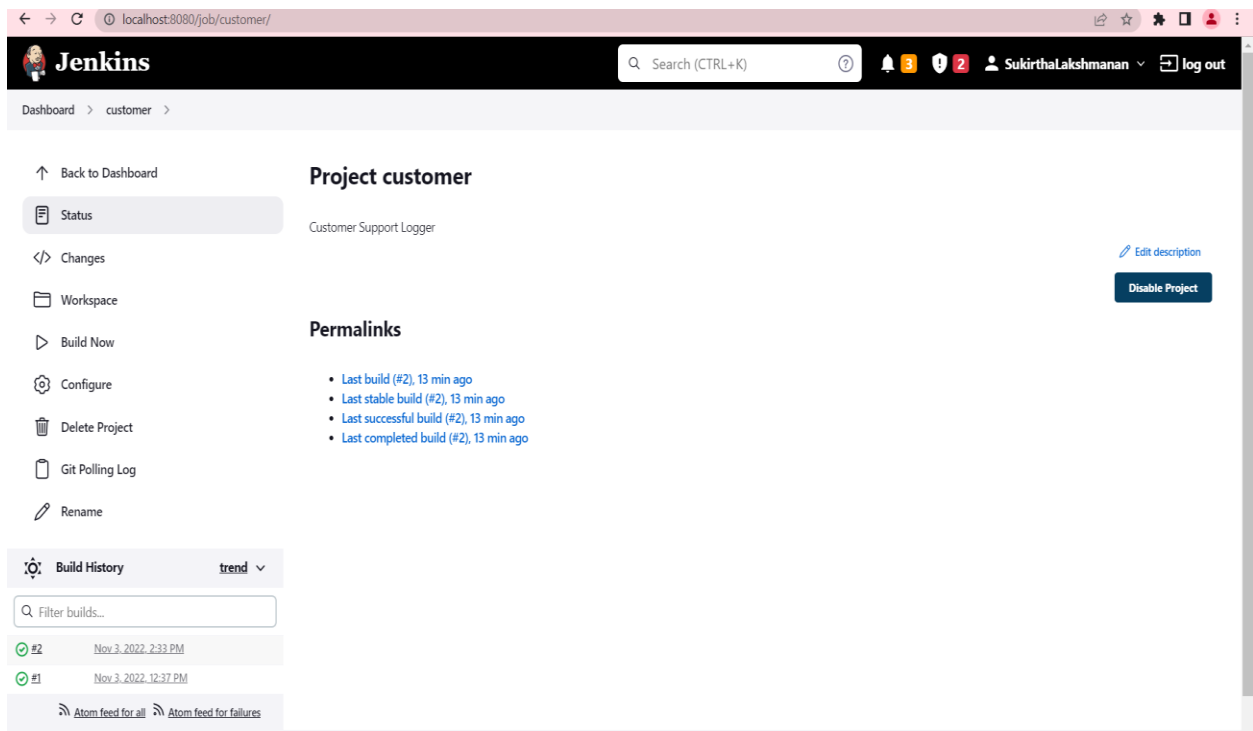
Output

Jenkins:



The screenshot shows the Jenkins Dashboard at localhost:8080. The user is SukirthaLakshmanan. The dashboard lists several projects, with the 'customer' project highlighted in orange. The 'Build Queue' is empty, and the 'Build Executor Status' shows two idle executors.

S	W	Name ↓	Last Success	Last Failure	Last Duration	Coverage
✓	☁	API project	12 days #8	13 days #5	18 sec	▶ n/a
✓	⚙	customer	14 min #2	N/A	11 sec	▶ n/a
✓	⚙	HelloProject	6 days 16 hr #13	13 days #8	3.8 sec	▶ n/a
✓	⚙	JenkinsProject	12 days #11	N/A	15 sec	▶ n/a
✓	🤖	MVC	12 days #13	13 days #9	17 sec	▶ n/a
✓	☁	MVC check	12 days #15	13 days #12	17 sec	▶ n/a
✓	⚙	NewProject	6 days 16 hr #11	13 days #5	4.9 sec	▶ n/a
✓	⚙	WebApplication_pizza	6 days 16 hr #20	6 days 16 hr #12	3.9 sec	▶ n/a



The screenshot shows the Jenkins Project page for 'customer'. The page includes a sidebar with navigation options like 'Status', 'Changes', 'Workspace', 'Build Now', 'Configure', 'Delete Project', 'Git Polling Log', and 'Rename'. The main content area displays the project name 'Project customer', a 'Customer Support Logger', and a list of 'Permalinks' for recent builds. The 'Build History' section shows two successful builds (#2 and #1) with their timestamps.

Project customer

Customer Support Logger

Permalinks

- Last build (#2), 13 min ago
- Last stable build (#2), 13 min ago
- Last successful build (#2), 13 min ago
- Last completed build (#2), 13 min ago

Build History

Build	Timestamp
#2	Nov 3, 2022, 2:33 PM
#1	Nov 3, 2022, 12:37 PM

Console Output:

customer #2 Console [Jenkins] x GitHub x +

localhost:8080/job/customer/2/console

Jenkins

Search (CTRL+K)

3 1 2 SukirthaLakshmanan log out

Dashboard > customer > #2

↑ Back to Project

📄 Status

</> Changes

📄 Console Output

📄 View as plain text

✎ Edit Build Information

🗑 Delete build '#2'

🔗 Git Build Data

← Previous Build

✓ Console Output

Started by user SukirthaLakshmanan
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\.jenkins\workspace\customer
The recommended git tool is: NONE
using credential 6eb43da9-1218-42b0-b3f5-d34a5b28558f
> git.exe rev-parse --resolve-git-dir C:\ProgramData\Jenkins\.jenkins\workspace\customer\.git # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/Sukirthalakshmanan1/customer # timeout=10
Fetching upstream changes from https://github.com/Sukirthalakshmanan1/customer
> git.exe --version # timeout=10
> git --version # 'git version 2.37.2.windows.2'
using GIT_ASKPASS to set credentials This is my project1
> git.exe fetch --tags --force --progress -- https://github.com/Sukirthalakshmanan1/customer +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/master^(commit)" # timeout=10
Checking out Revision 1207f446fdeeb0f493b13b85753dcdaf02a22df (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 1207f446fdeeb0f493b13b85753dcdaf02a22df # timeout=10
Commit message: "commit"
> git.exe rev-list --no-walk 20cb3028778136ecafb5bede628133f1888427d # timeout=10
Path To MSBuild.exe: C:\Program Files\Microsoft Visual Studio\2022\Community\MSBuild\Current\Bin\msbuild.exe
Executing the command cmd.exe /C " chcp 1252 & "C:\Program Files\Microsoft Visual Studio\2022\Community\MSBuild\Current\Bin\msbuild.exe"
C:\ProgramData\Jenkins\.jenkins\workspace\customer " && exit %ERRORLEVEL%" from C:\ProgramData\Jenkins\.jenkins\workspace\customer
[customer] \$ cmd.exe /C " chcp 1252 & "C:\Program Files\Microsoft Visual Studio\2022\Community\MSBuild\Current\Bin\msbuild.exe"
C:\ProgramData\Jenkins\.jenkins\workspace\customer " && exit %ERRORLEVEL%"

customer #2 Console [Jenkins] x GitHub x +

localhost:8080/job/customer/2/console

Jenkins

Search (CTRL+K)

3 1 2 SukirthaLakshmanan log out

Dashboard > customer > #2

↑ Back to Project

📄 Status

</> Changes

📄 Console Output

📄 View as plain text

✎ Edit Build Information

🗑 Delete build '#2'

🔗 Git Build Data

← Previous Build

✓ Console Output

Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\packages\WUnit3TestAdapter.4.3.0\build\net35\nunit.engine.api.dll" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\nunit.engine.api.dll".
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\packages\WUnit3TestAdapter.4.3.0\build\net35\WUnit3.TestAdapter.dll" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\WUnit3.TestAdapter.dll".
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\packages\WUnit3TestAdapter.4.3.0\build\net35\nunit.engine.core.dll" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\nunit.engine.core.dll".
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\packages\WUnit3TestAdapter.4.3.0\build\net35\testcentric.engine.metadata.dll" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\testcentric.engine.metadata.dll".
_CopyAppConfigFile:
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\app.config" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\DalTest.dll.config".
CopyFilesToOutputDirectory:
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\obj\Debug\DalTest.dll" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\DalTest.dll".
DalTest -> C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\DalTest.dll
Copying file from "C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\obj\Debug\DalTest.pdb" to
"C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\bin\Debug\DalTest.pdb".
Done Building Project "C:\ProgramData\Jenkins\.jenkins\workspace\customer\DalTest\DalTest.csproj" (default targets).
Done Building Project "C:\ProgramData\Jenkins\.jenkins\workspace\customer\customer.sln" (default targets).

Build succeeded.
0 Warning(s)
0 Error(s)

Time Elapsed 00:00:04.08
Finished: SUCCESS

Build 2:

customer #2 [Jenkins] x GitHub x +

localhost:8080/job/customer/lastCompletedBuild/

Search (CTRL+K) ?

3 1 2 SukirthaLakshmanan log out

Dashboard > customer > #2

↑ Back to Project

Status

</> Changes

Console Output

Edit Build Information

Delete build '#2'

Git Build Data

← Previous Build

✓ Build #2 (Nov 3, 2022, 2:33:10 PM)

Keep this build forever

Started 13 min ago
Took 11 sec

Add description

</> Changes

1. commit (details / githubweb)

Started by user SukirthaLakshmanan

Revision: 1207f446fdeeb0f493b13b85753dcda1f02a22df
Repository: https://github.com/Sukirthalakshmanan1/customer

• refs/remotes/origin/master

Poll SCM:

Sukirthalakshmanan1/customer x WhatsApp x customer Config [Jenkins] x +

localhost:8080/job/customer/configure

Dashboard > customer >

Configuration

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☐ Build periodically ?

☐ GitHub hook trigger for GITScm polling ?

☒ Poll SCM ?

Schedule ?

H/60 * * * *

Would last have run at Thursday, November 3, 2022 at 3:26:18 PM India Standard Time; would next run at Thursday, November 3, 2022 at 4:26:18 PM India Standard Time.

☐ Ignore post-commit hooks ?

Build Environment

Save

Apply

Build 3:

customer [jenkins]

localhost:8080/job/customer/

Dashboard > customer >

↑ Back to Dashboard

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Git Polling Log

Rename

Build History

trend

Filter builds...

#3

Nov 3, 2022, 4:26 PM

#2

Nov 3, 2022, 2:33 PM

#1

Nov 3, 2022, 12:37 PM

Atom feed for all

Atom feed for failures

Project customer

Customer Support Logger

Edit description

Disable Project

Permalinks

Last build (#3), 58 min ago

Last stable build (#3), 58 min ago

Last successful build (#3), 58 min ago

Last completed build (#3), 58 min ago