

MSSV: 1815060002

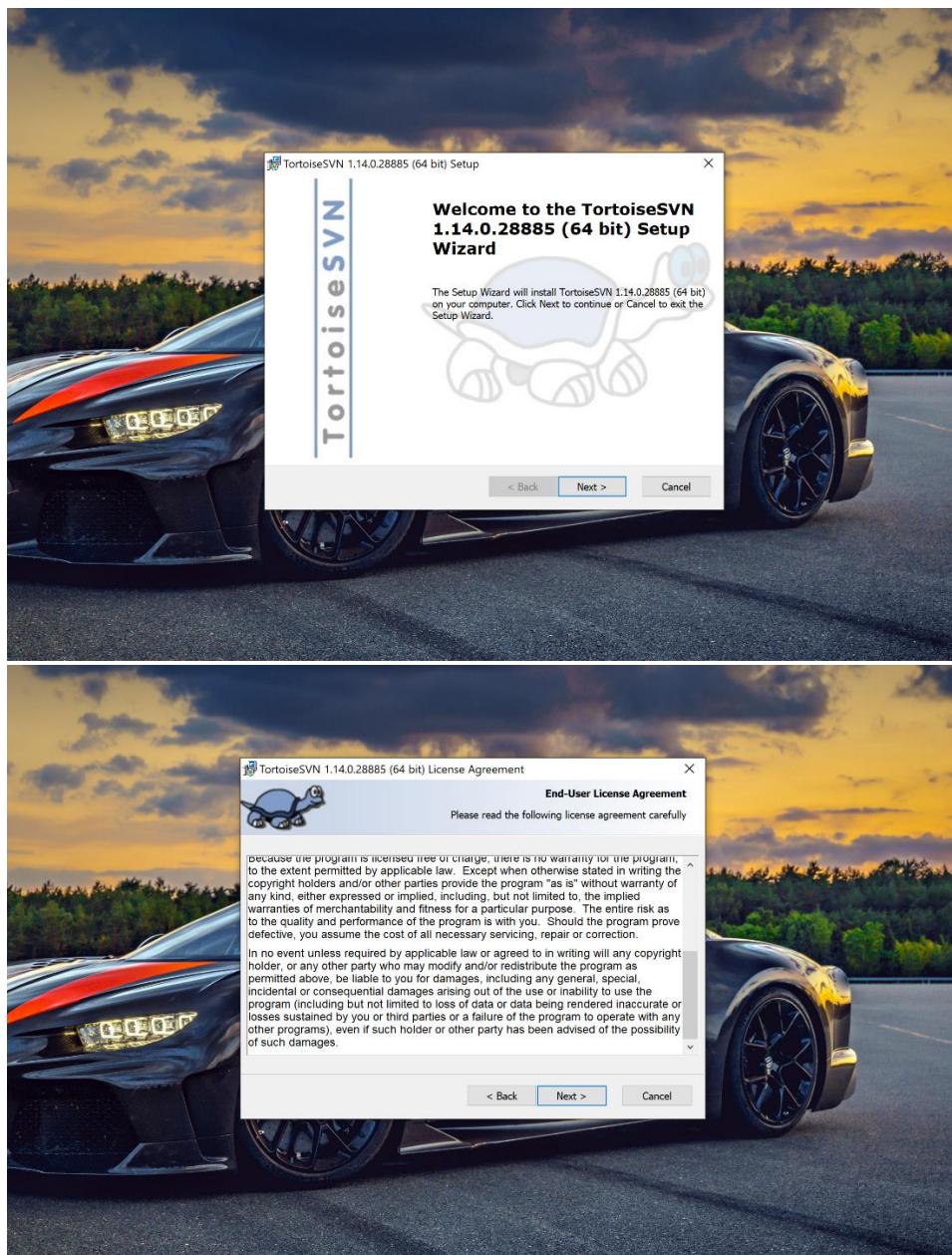
Họ Tên: Đặng Ngọc Duy

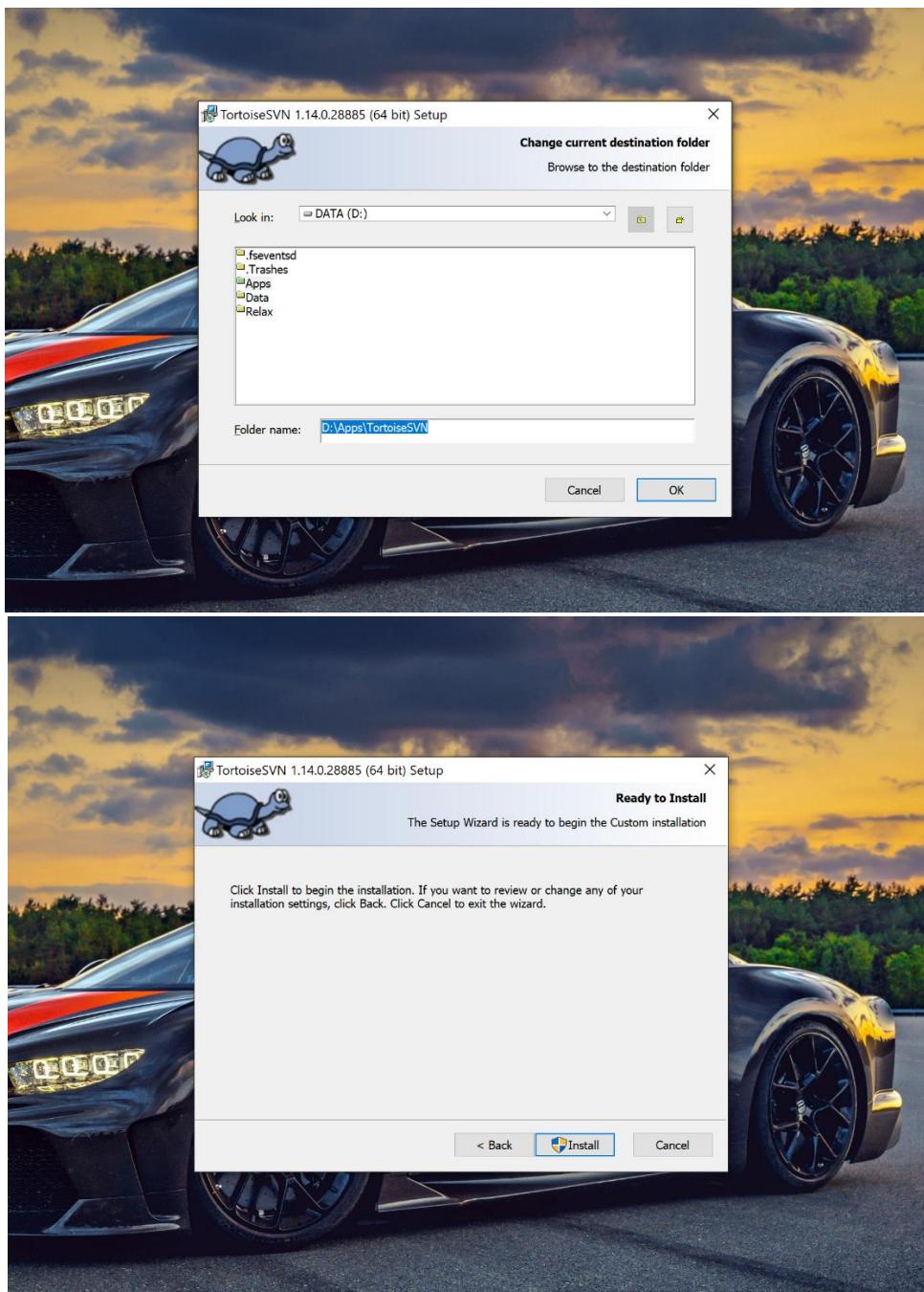
Lớp: 18HTHA1

CÔNG CỤ VÀ MÔI TRƯỜNG PHÁT TRIỂN PHẦN MỀM

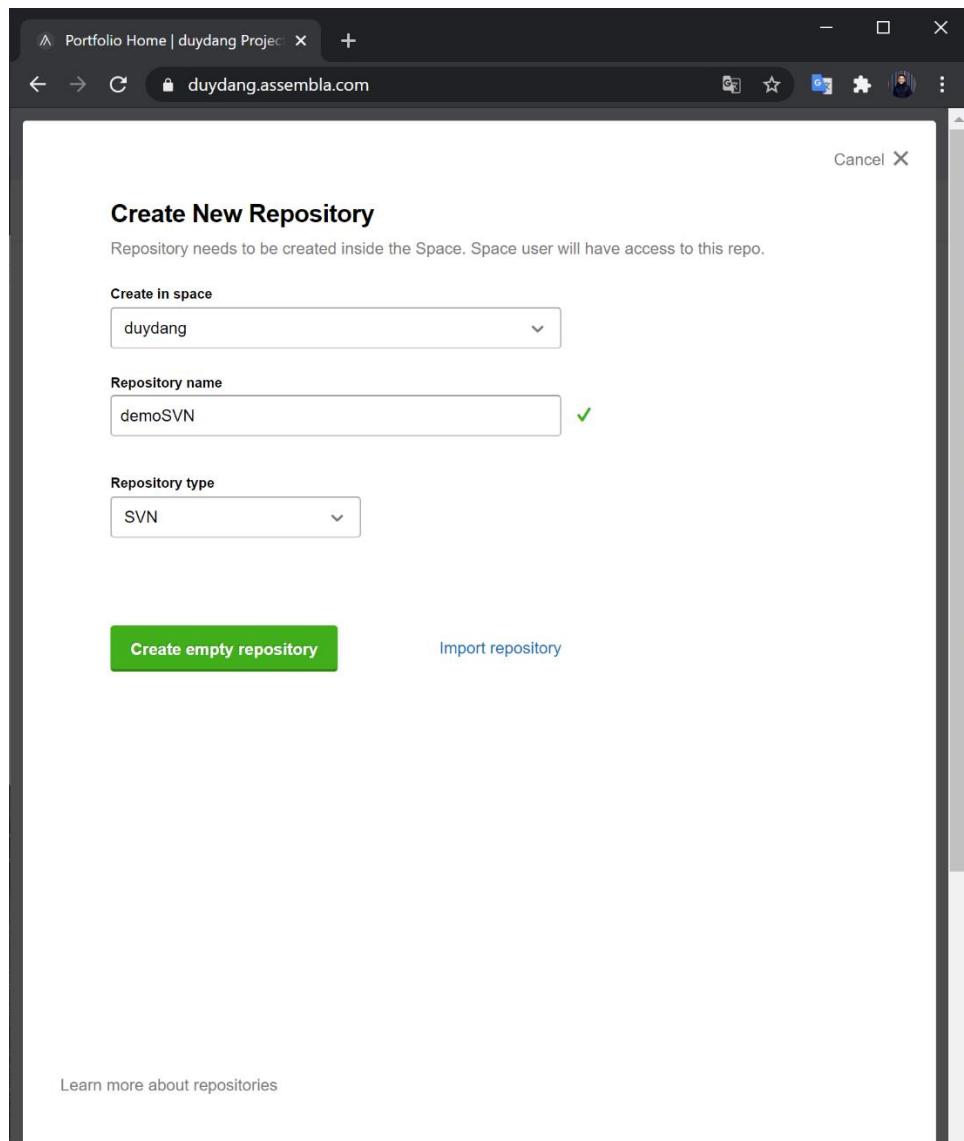
LAB 3: SVN

1. Setup





The image displays two overlapping windows. The top window is a setup wizard for TortoiseSVN 1.14.0.28885 (64 bit). It shows a completion message: "Completing the TortoiseSVN 1.14.0.28885 (64 bit) Setup Wizard". It includes a "Show Changelog" checkbox, a "Donate!" button, and standard "Back", "Finish", and "Cancel" buttons. The background of this window is a photograph of a dark sports car's front end against a sunset sky. The bottom window is a web browser showing the Assembla interface. The title bar says "Portfolio Home | dudydang Project". The main content is a "Create new space" form. It asks for a "Space name" (filled with "duydang") and a "Space prefix" (filled with "DUYD"). There are three checked checkboxes under "Create with repository": "Create with repository", "Create with Ticket tool", and "Create with Wiki tool". At the bottom are two buttons: a green "Create new space" button and a blue "Create from template" button. A "Cancel" button is also visible in the top right corner of the browser window.



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duydang demoSVN

Source Commits Compare Merge Requests Instructions Import/Export Security Scan Settings

duydang.demoSVN

[Checkout](#)

File	Last Modified	Actions
branches	2020-12-10 19:53	[Edit] [Delete] [1]
tags	2020-12-10 19:53	[Edit] [Delete] [1]
trunk	2020-12-10 19:53	[Edit] [Delete] [1]
readme.textile	2020-12-10 19:53	[Edit] [Delete] [1]

Assembla.readme

In assembla you can use [textile](#), [html](#) or [markdown](#) to add some sugar to your readme files. Just add the extention to your readme file, so we can recognize the markup you want to use!

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duydang demoSVN

Source Commits Compare Merge Requests Instructions Import/Export Security Scan Settings

duydang.demoSVN

[Checkout](#)

HTTPS SSH

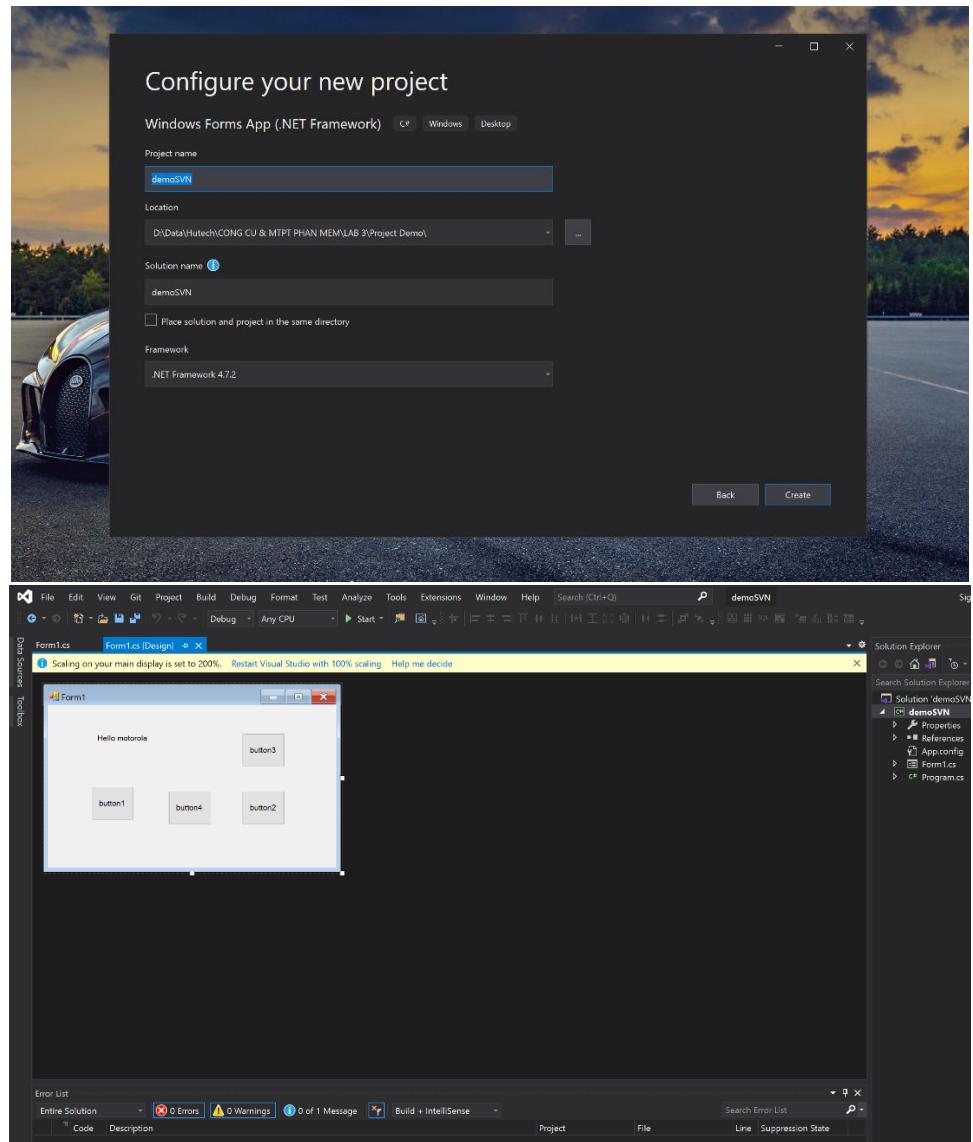
https://subversion.assembla.com/svn/duydang

File	Last Modified	Actions
branches	-10 19:53	[Edit] [Delete] [1]
tags	-10 19:53	[Edit] [Delete] [1]
trunk	2020-12-10 19:53	[Edit] [Delete] [1]
readme.textile	2020-12-10 19:53	[Edit] [Delete] [1]

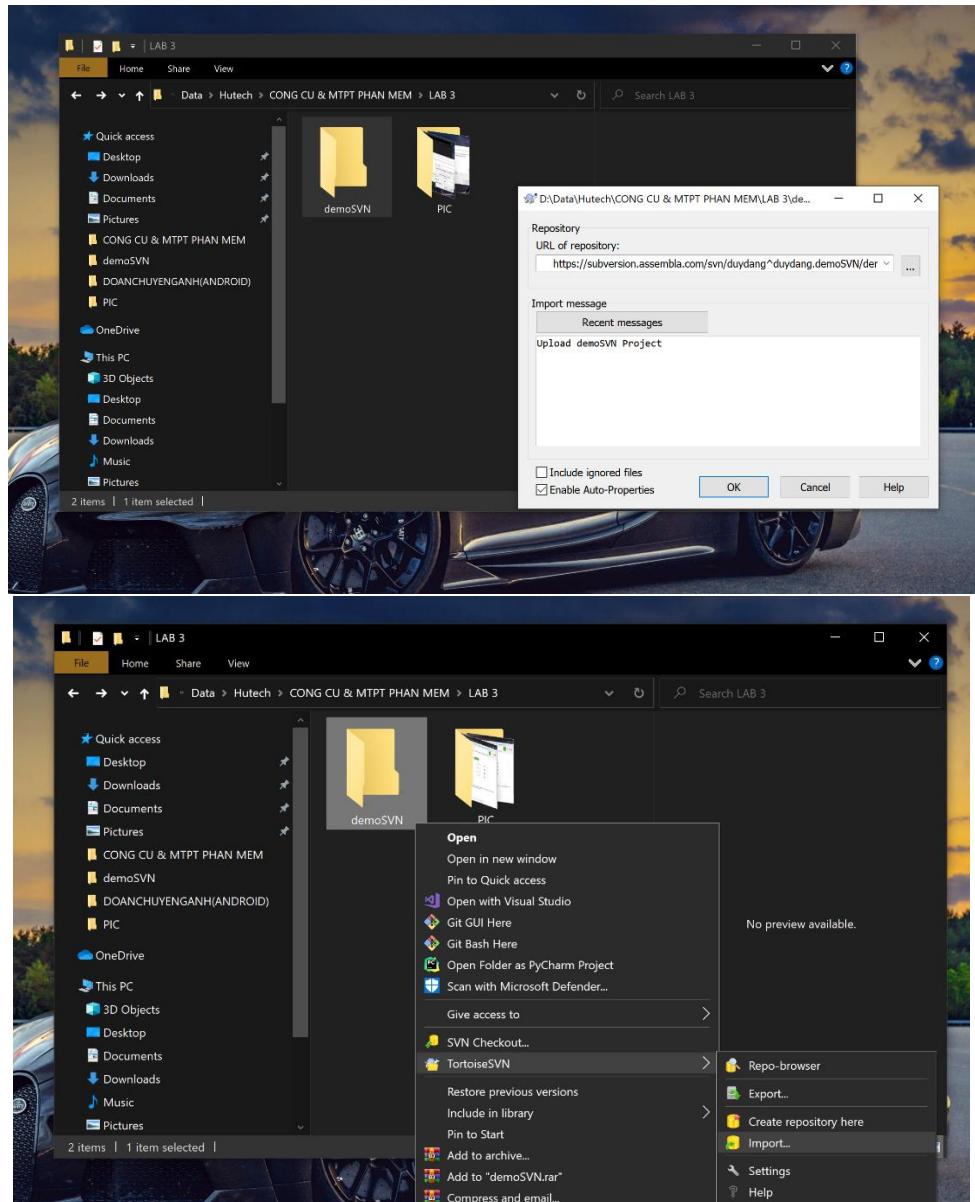
Assembla.readme

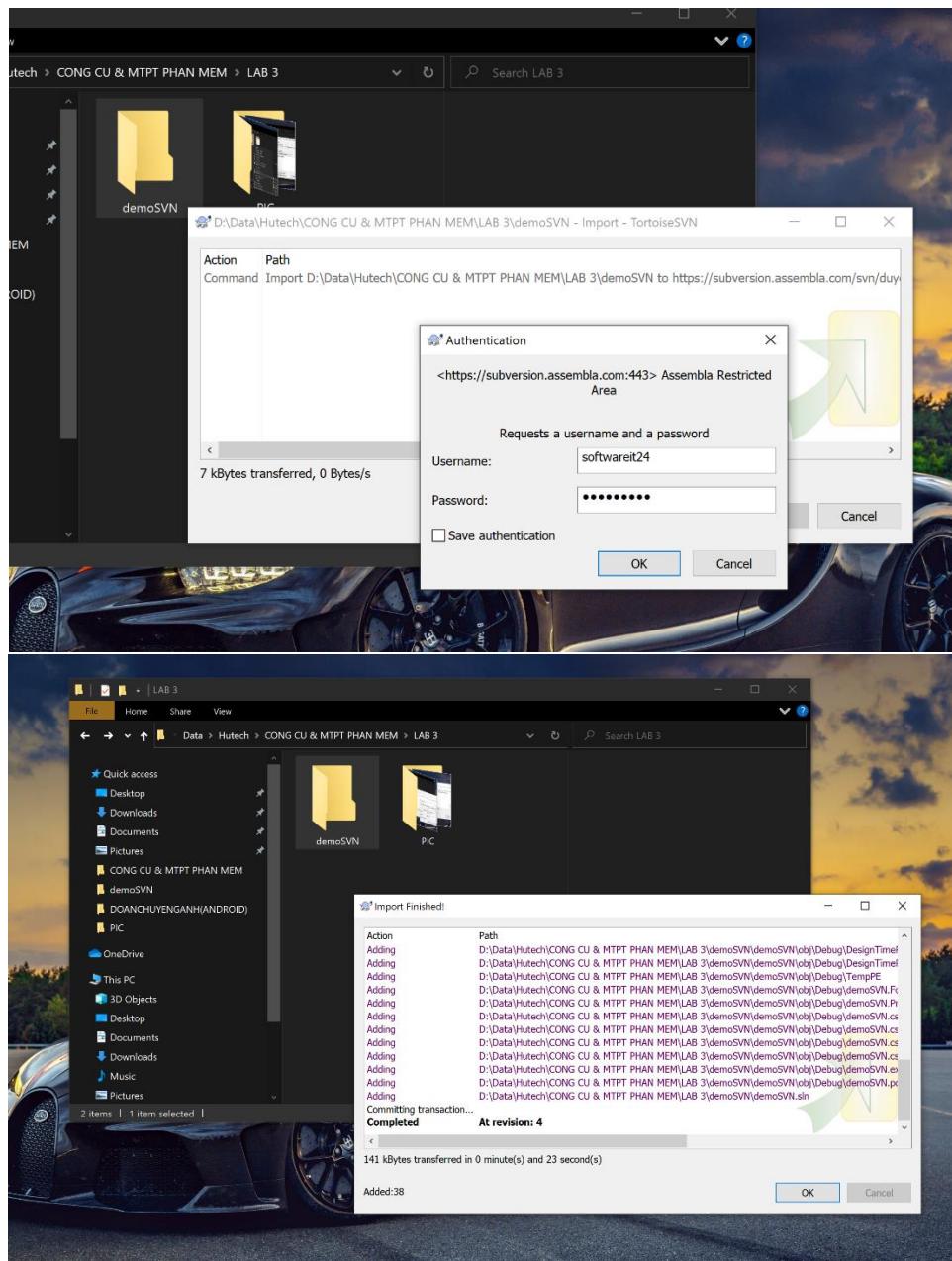
In assembla you can use [textile](#), [html](#) or [markdown](#) to add some sugar to your readme files. Just add the extention to your readme file, so we can recognize the markup you want to use!

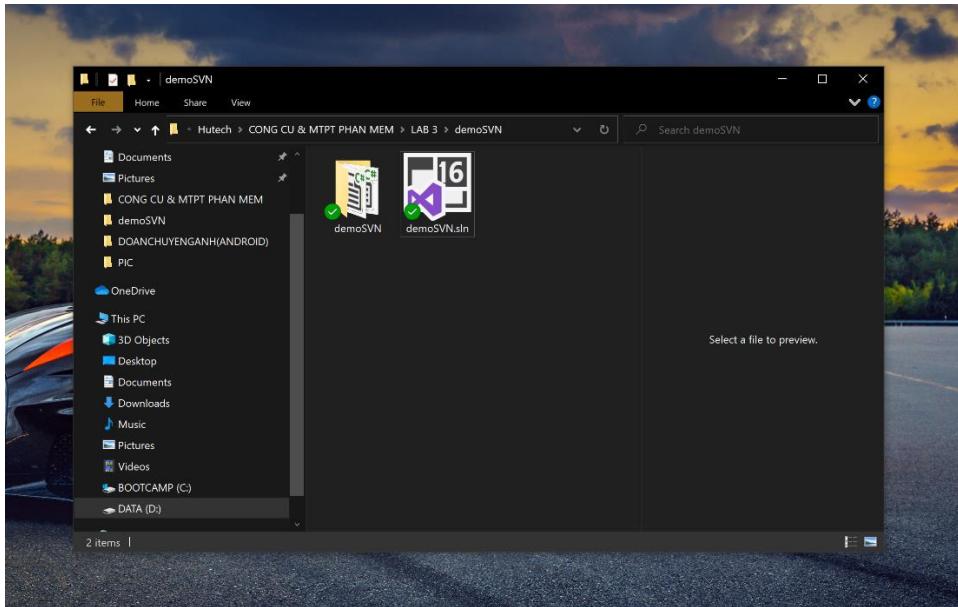
2. Tạo project demo



3. Upload source lên Assembla thông qua SVN Client







4. Thao tác Update, Commit code và Lịch sử commit

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duyhang.demoSVN

Committing: demoSVN/themfiletrenSV

Commit message

Test them file tren SV

Commit changes Cancel

Select content type text

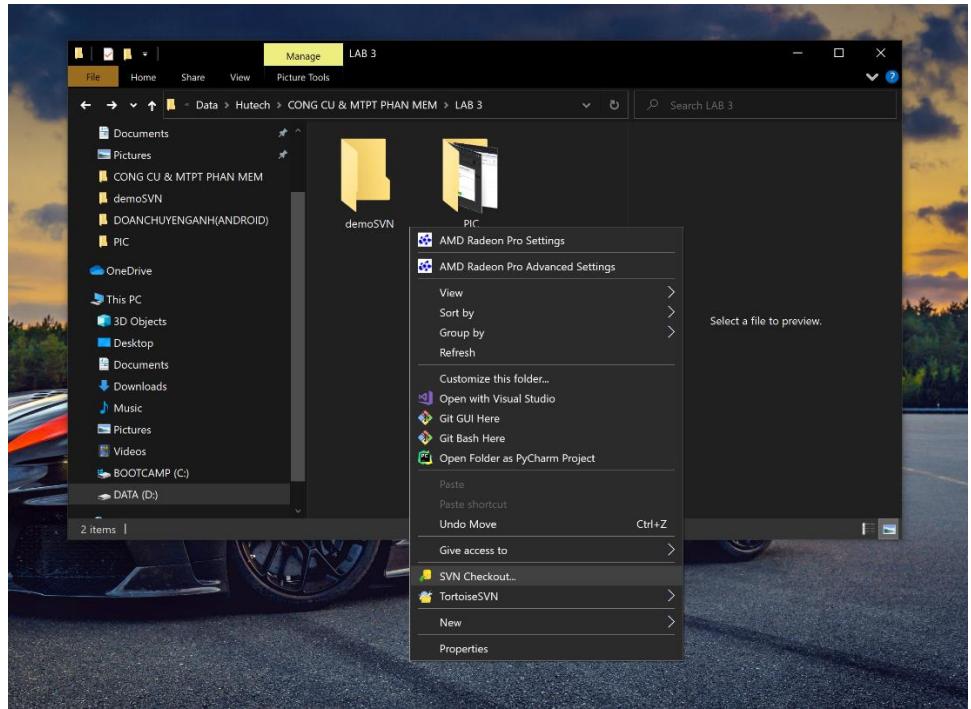
Cancel Commit changes

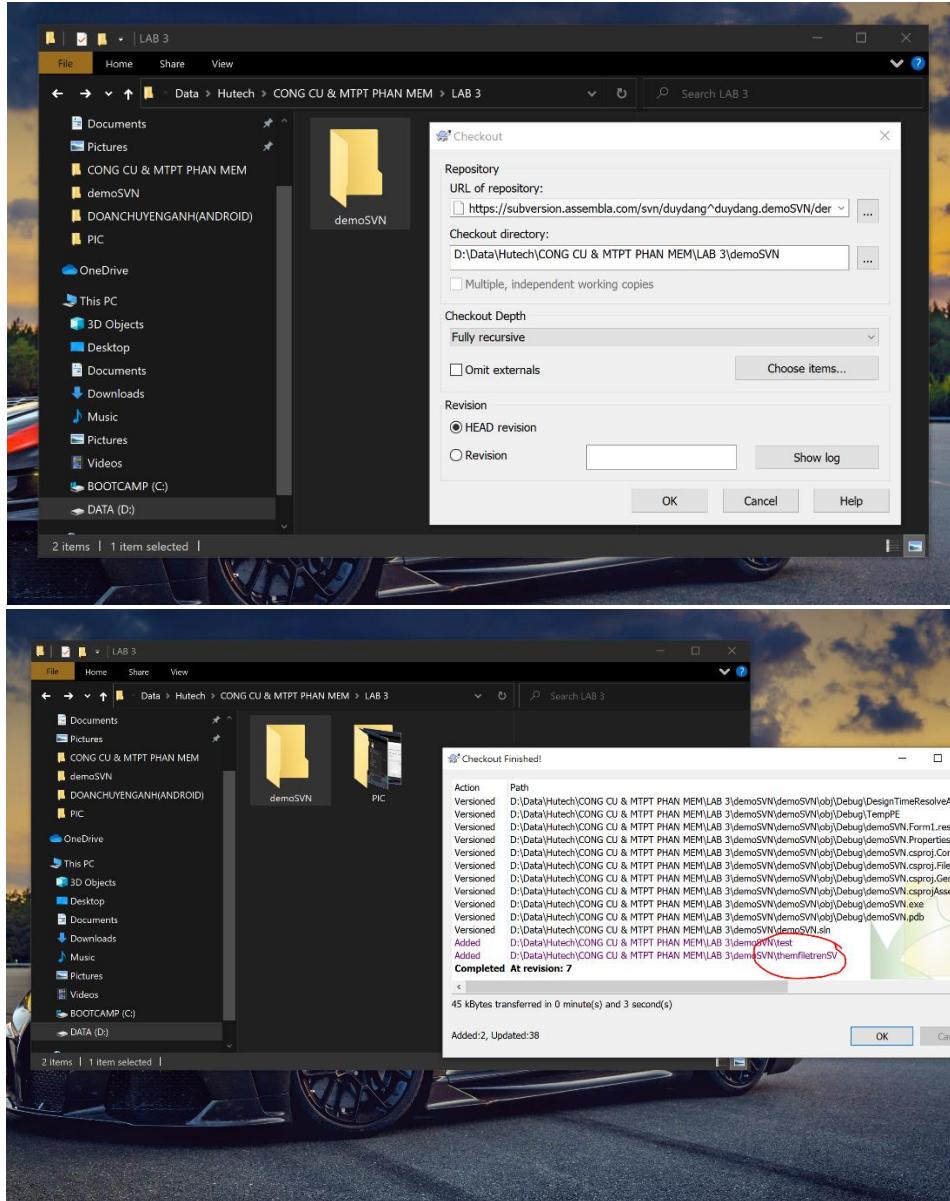
Screenshot of Assembla Source | demoSVN | Assembla

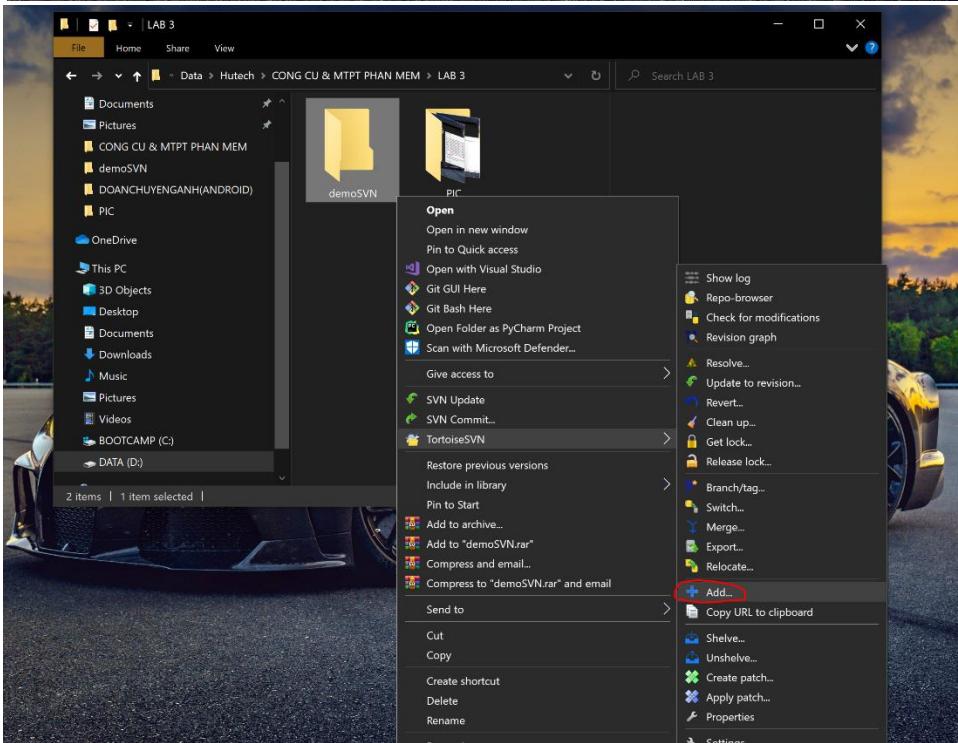
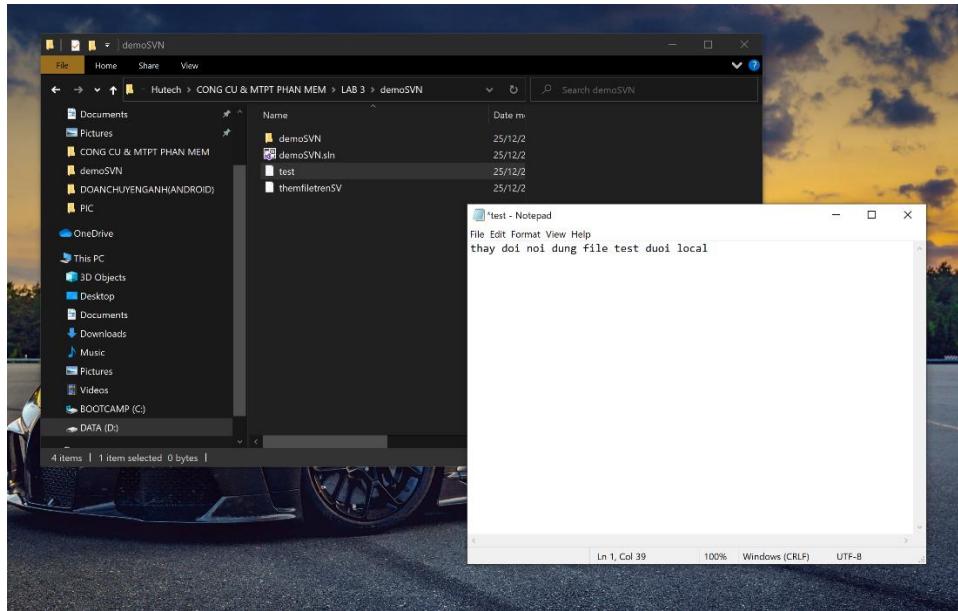
The screenshot shows the Assembla interface for the project "duydang/demoSVN". The top navigation bar includes links for Source, Commits, Compare, Merge Requests, Instructions, Import/Export, Security Scan, and Settings. A message at the top states: "Your free trial expires in 14 days. To continue using Assembla please select a paid plan here". Below the navigation bar is a list of files and their details:

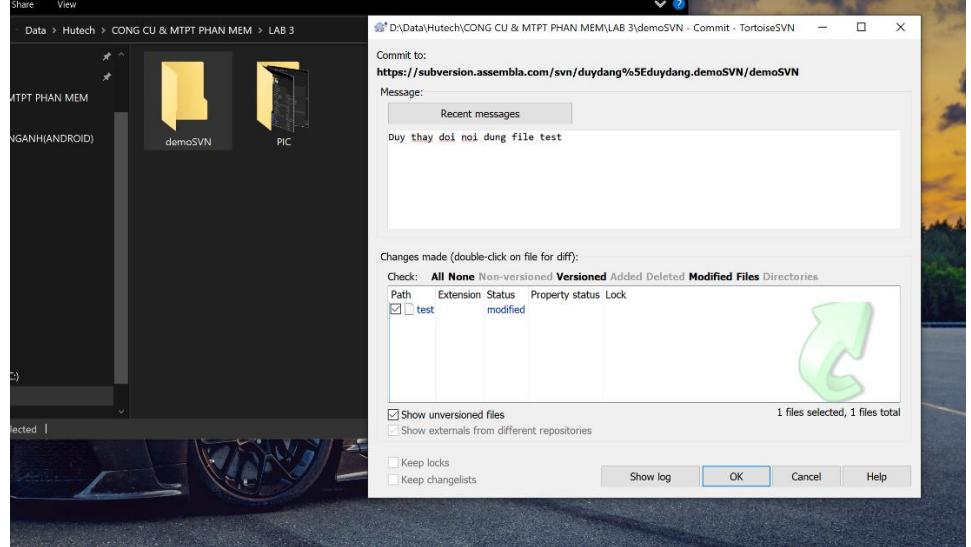
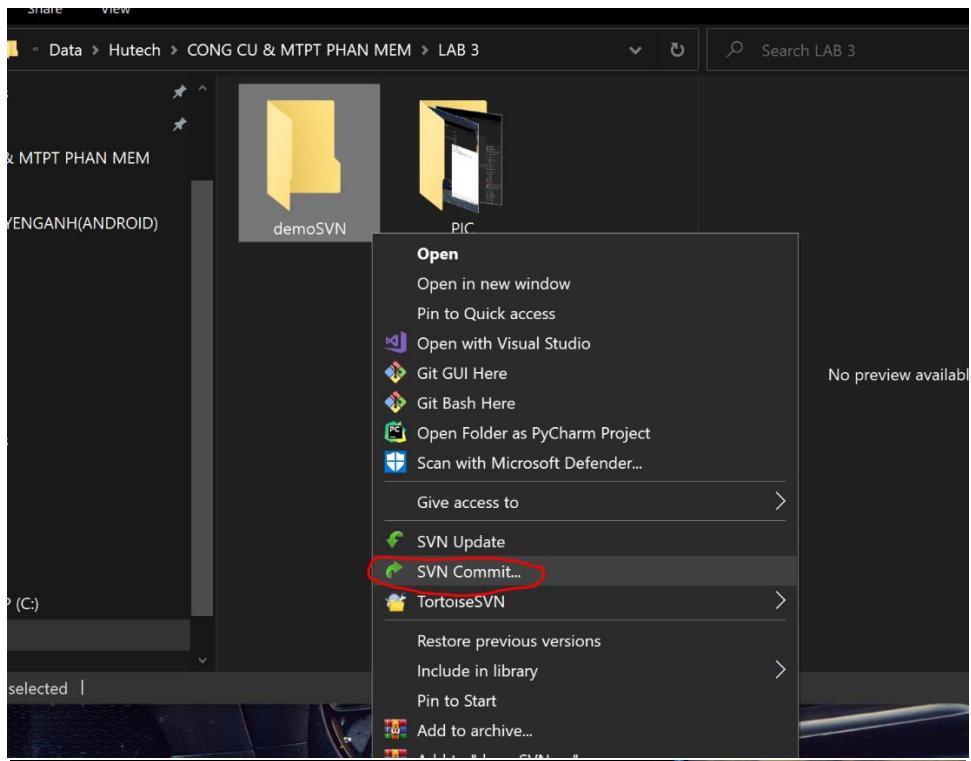
File	Created	Action
demoSVN	2020-12-25 15:54	Upload demoSVN Project
Desktop.ini	2020-12-25 15:54	Upload demoSVN Project
demoSVN.sln	2020-12-25 15:54	Upload demoSVN Project
test	2020-12-25 16:04	tess
themfiletrenSV	2020-12-25 16:05	Test them file tren SV

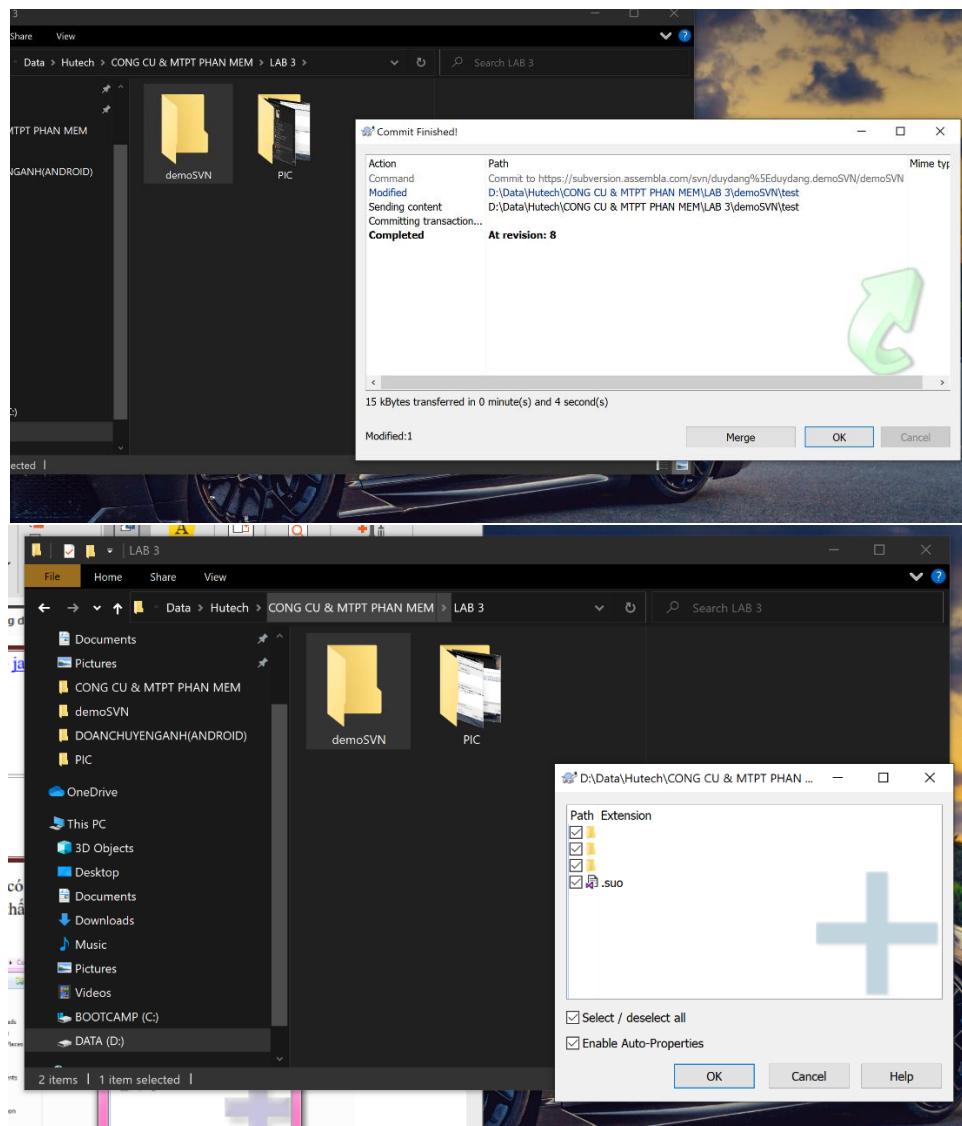
A "New Merge" button is located in the top right corner.











The image shows two windows side-by-side. The top window is a web browser displaying the Assembla Source interface for the repository 'duydang.demoSVN / demoSVN / test'. The URL is <https://duydang.assembla.com/spaces/duydang/subversion/source/HEA...>. The interface includes a navigation bar with 'Source' selected, and a commit dialog box in the center containing the message:

```
1 thay doi noi dung file test duoi local
2 dong nay thay doi tren sv
```

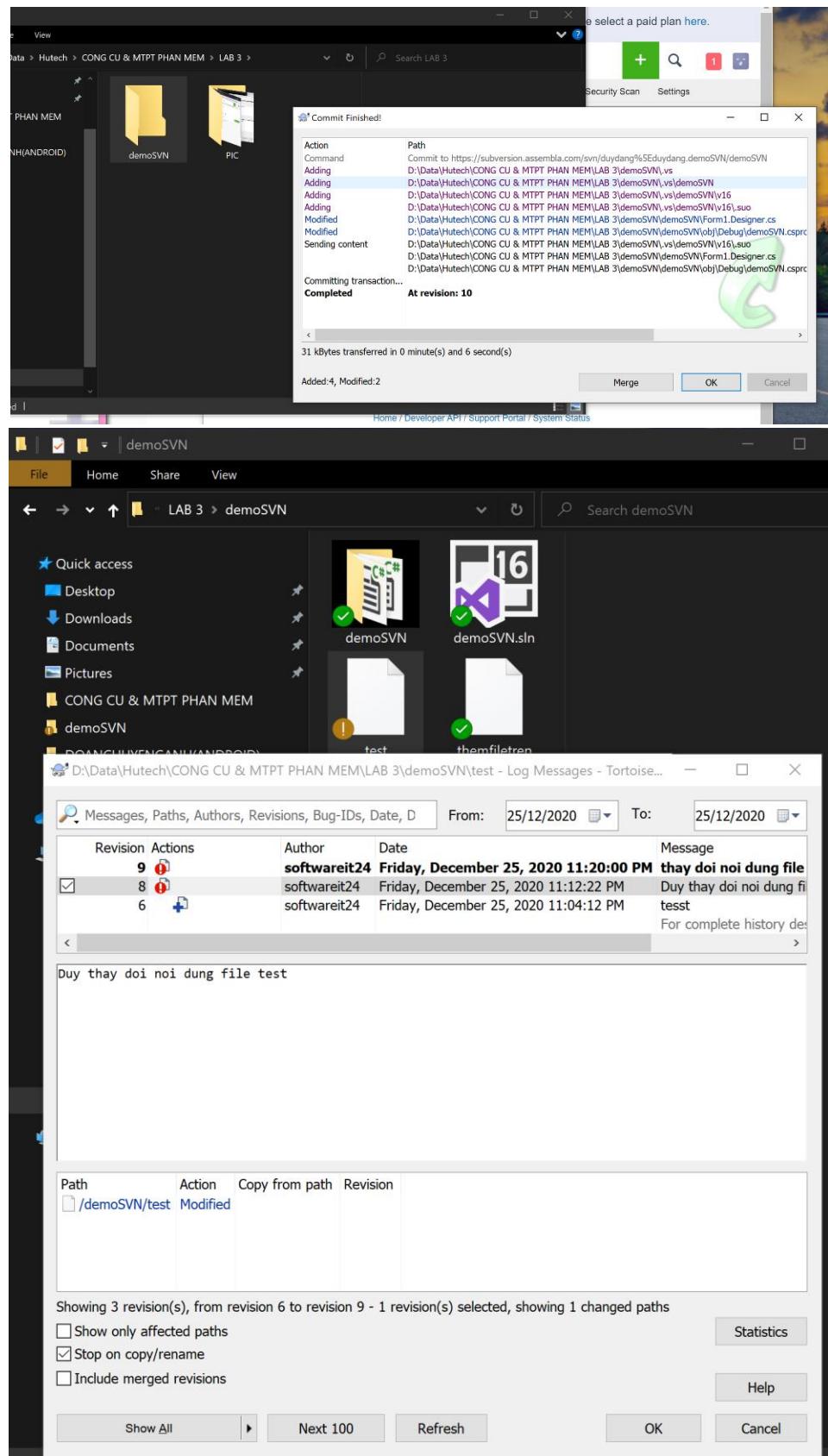
The bottom window is a screenshot of the TortoiseSVN Commit dialog. The commit message is:

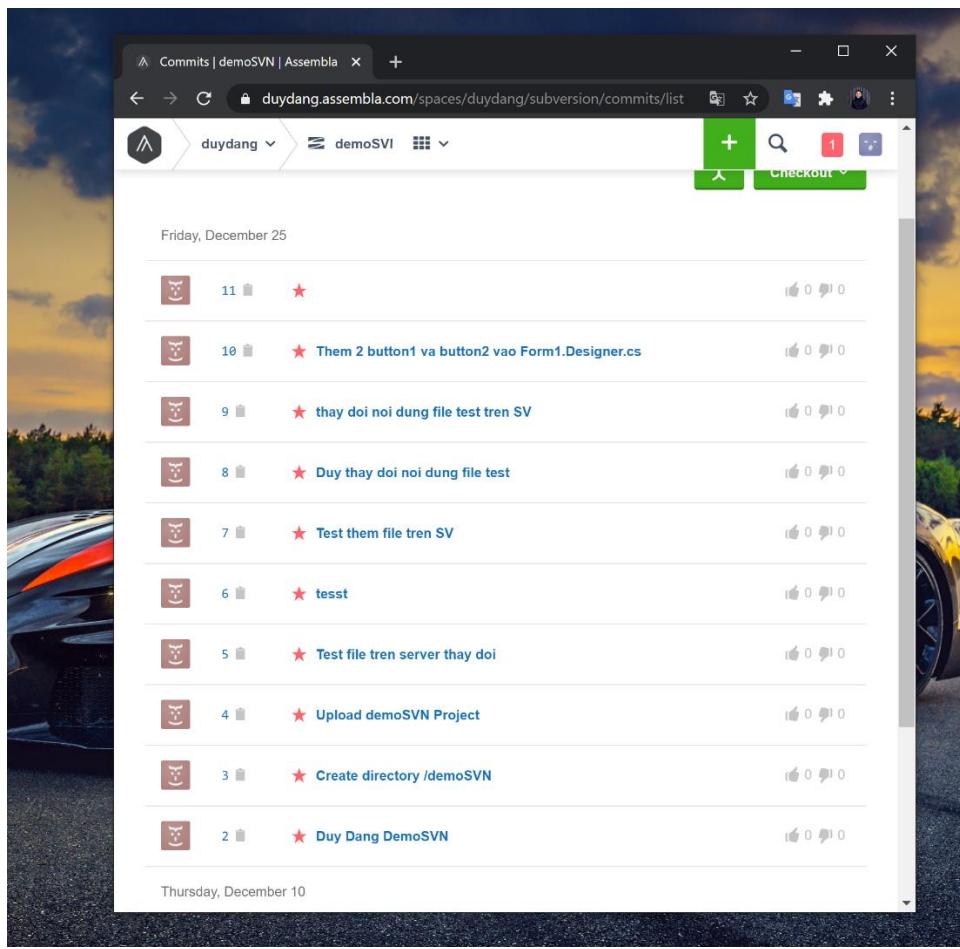
```
Them 2 button1 va button2 vao Form1.Designer.cs
```

The 'Changes made' section lists the following files:

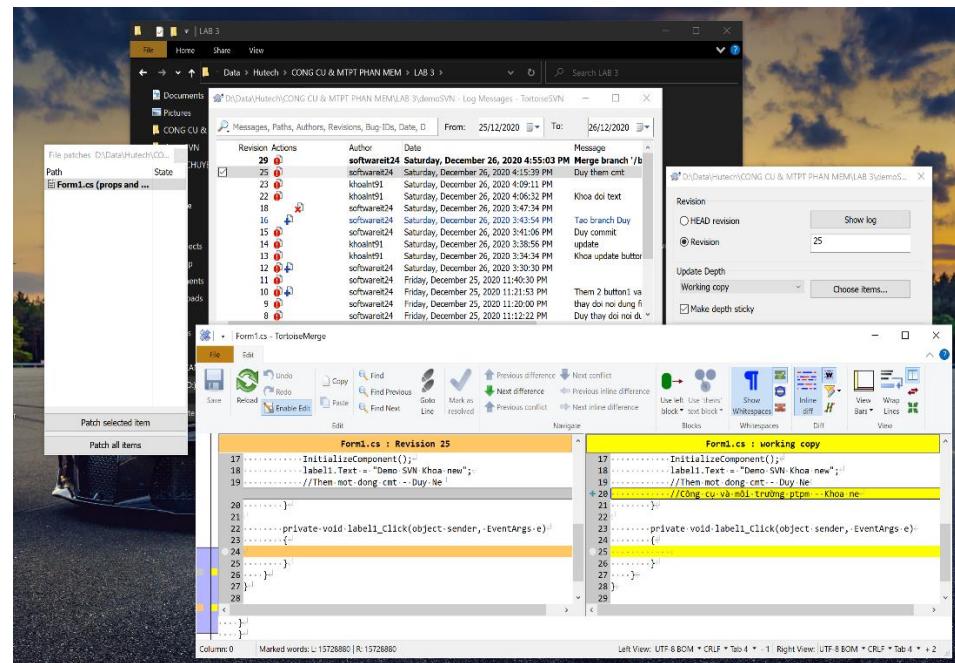
Path	Extension	Status	Property status	Lock
demoSVN	.vs	added		
	.v...	added		
	.v...	added		
	.v... .suo	added	modified	
	d... .cs	modified		
	d... .cache	modified	normal	

Check options at the bottom include: Show unversioned files (unchecked), Show externals from different repositories (unchecked), Keep locks (unchecked), and Keep changelists (unchecked). Buttons at the bottom right are 'Show log', 'OK', 'Cancel', and 'Help'.

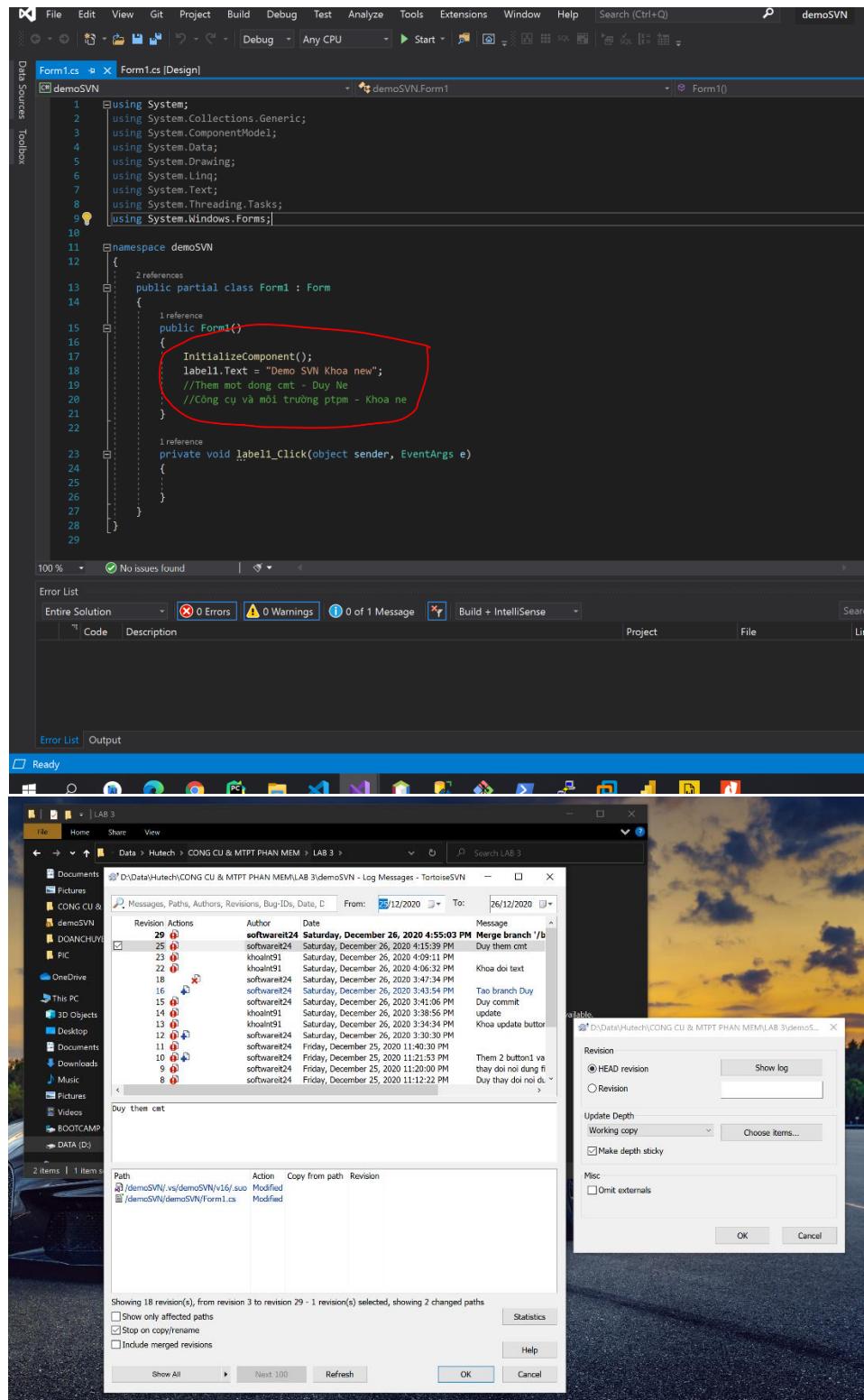


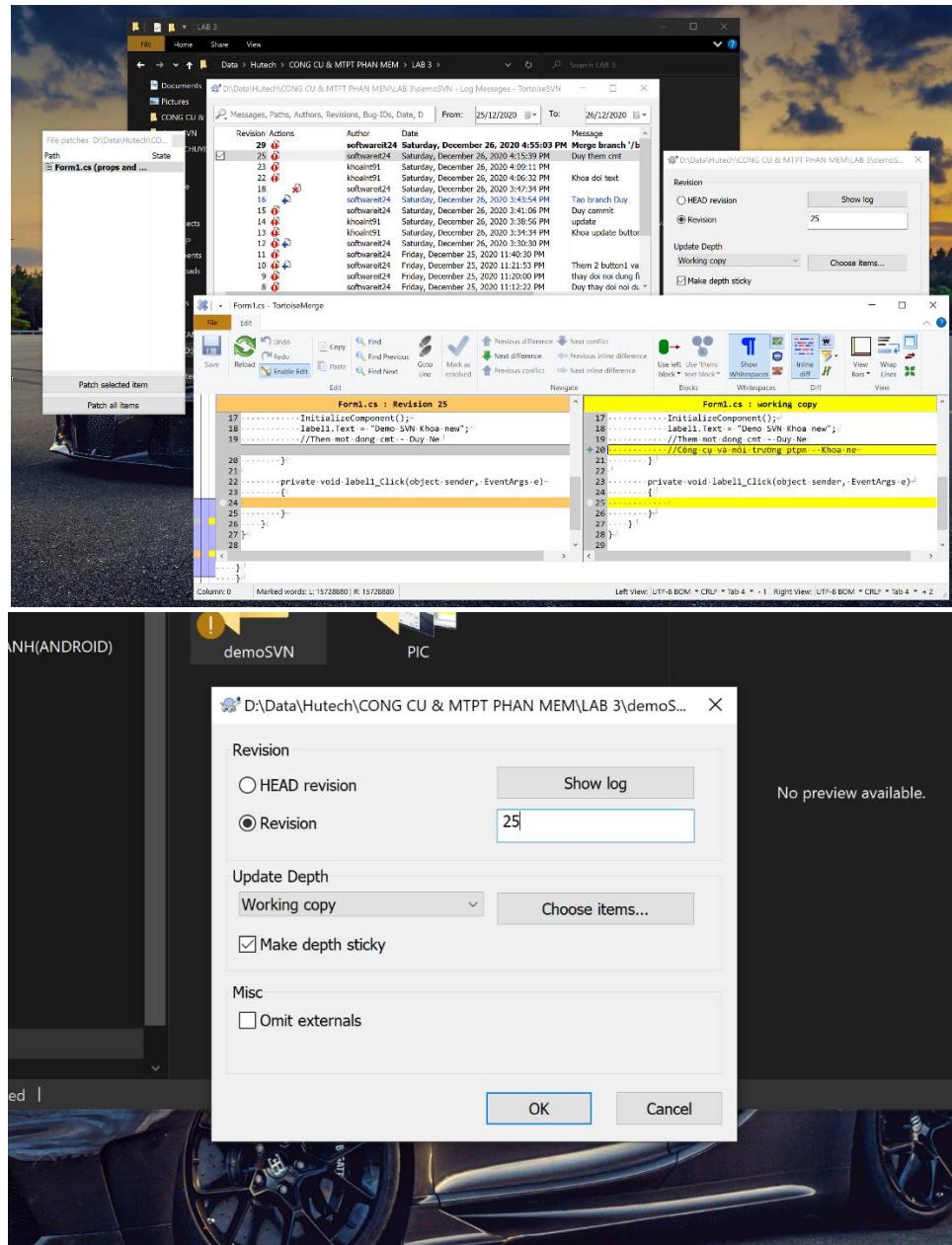


5. So sánh các phiên bản của mã nguồn



6. Phục hồi một phiên bản bất kỳ





Update Finished!

Action	Path
Command	Update
Updating	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN from https://subversion.assembla.com/svn/duydar...
Updated	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN\demoSVN\Form1.cs
Updated	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN

Completed At revision: 25

12 kBytes transferred in 0 minute(s) and 3 second(s)

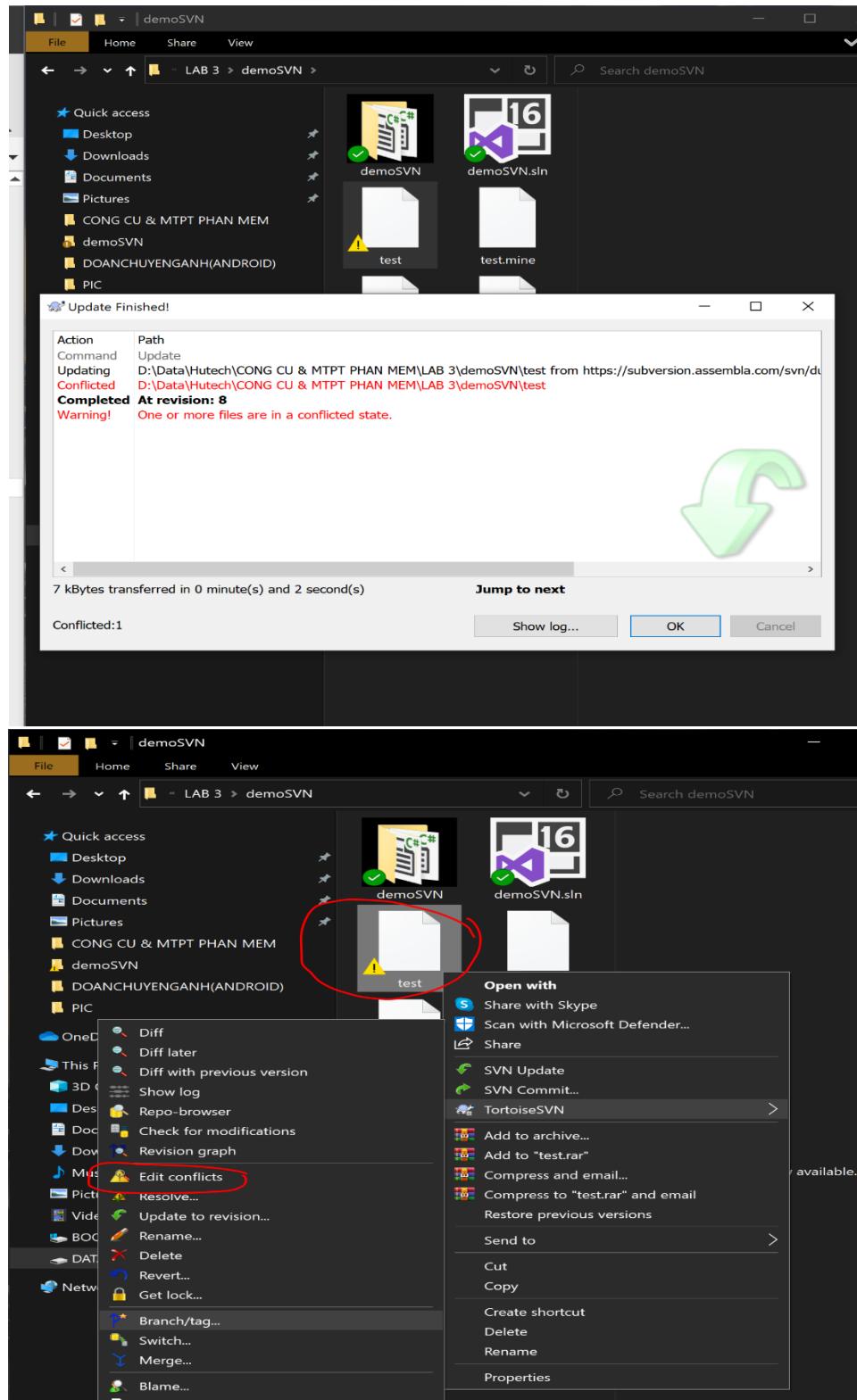
Updated:2

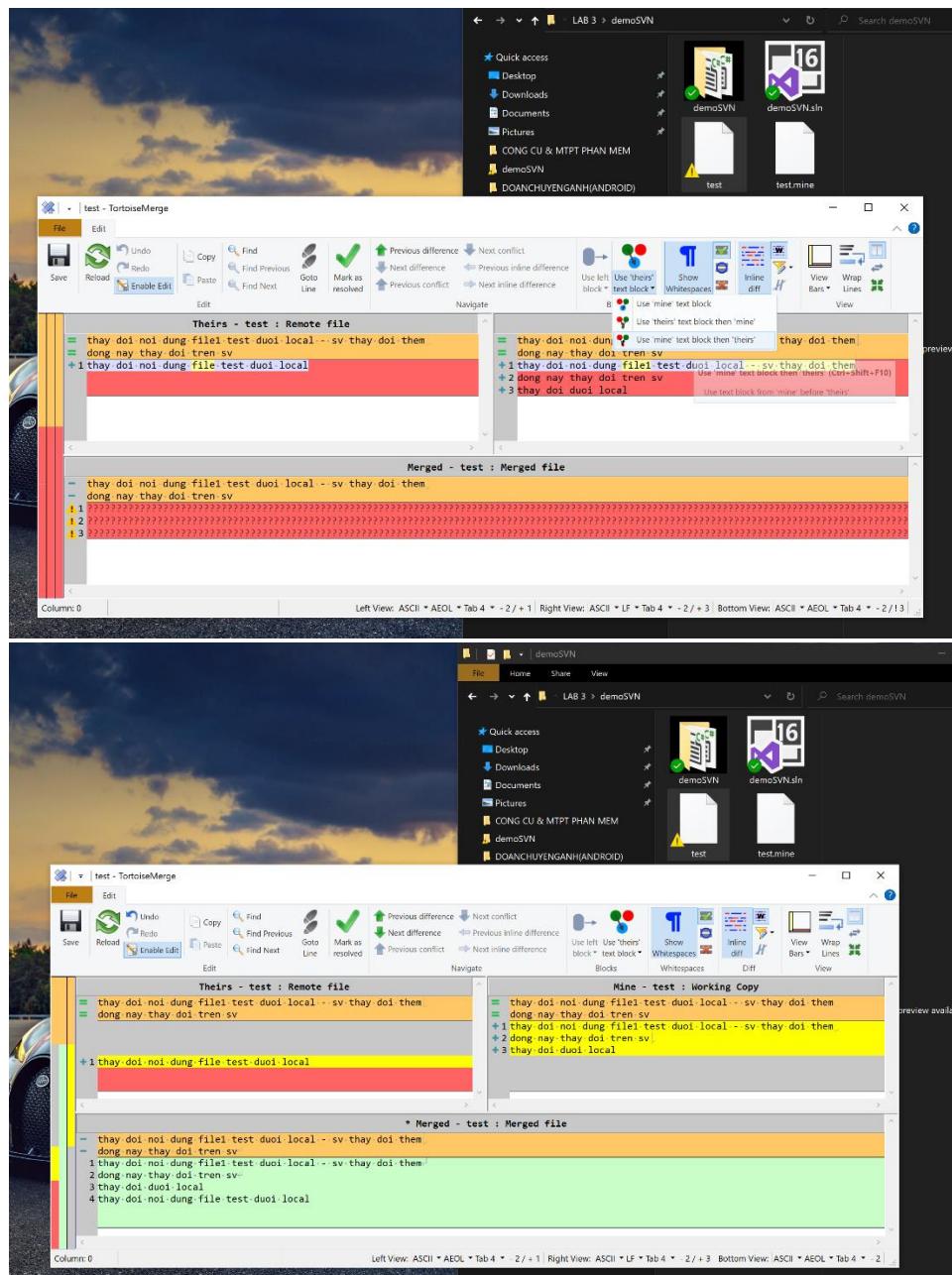
Show log... OK Cancel

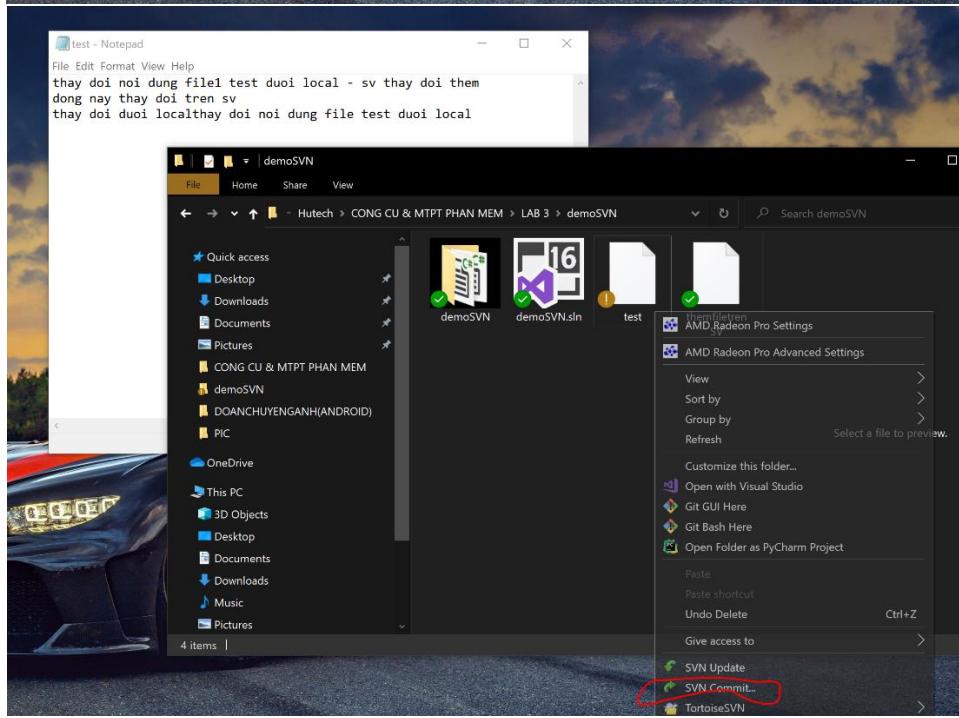
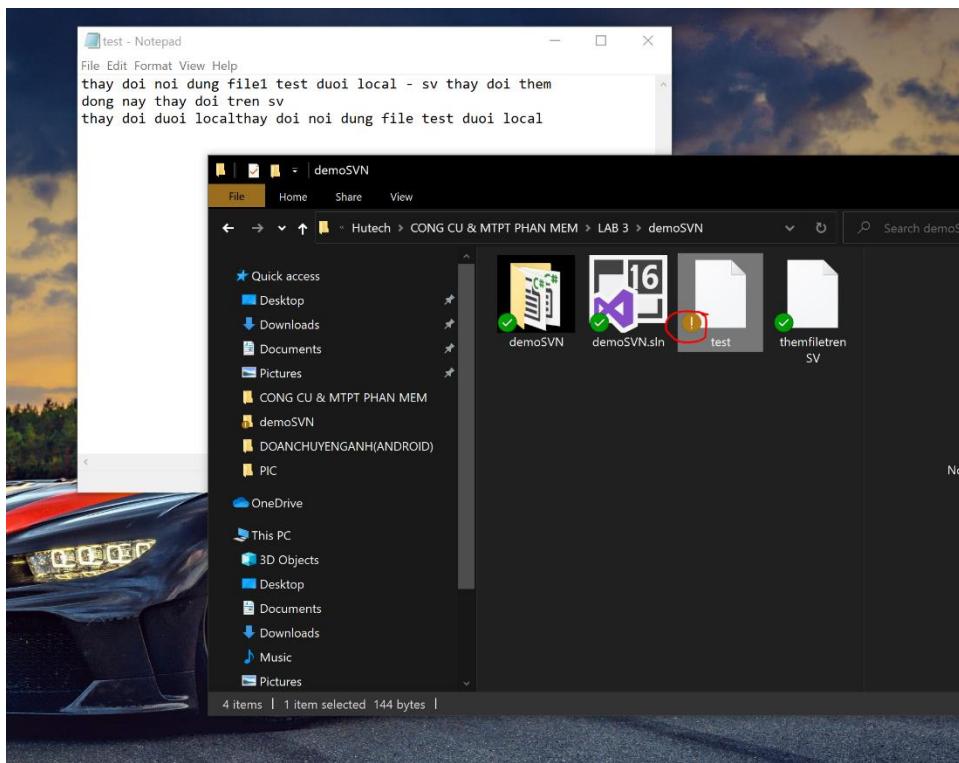
Form1.cs [Design]

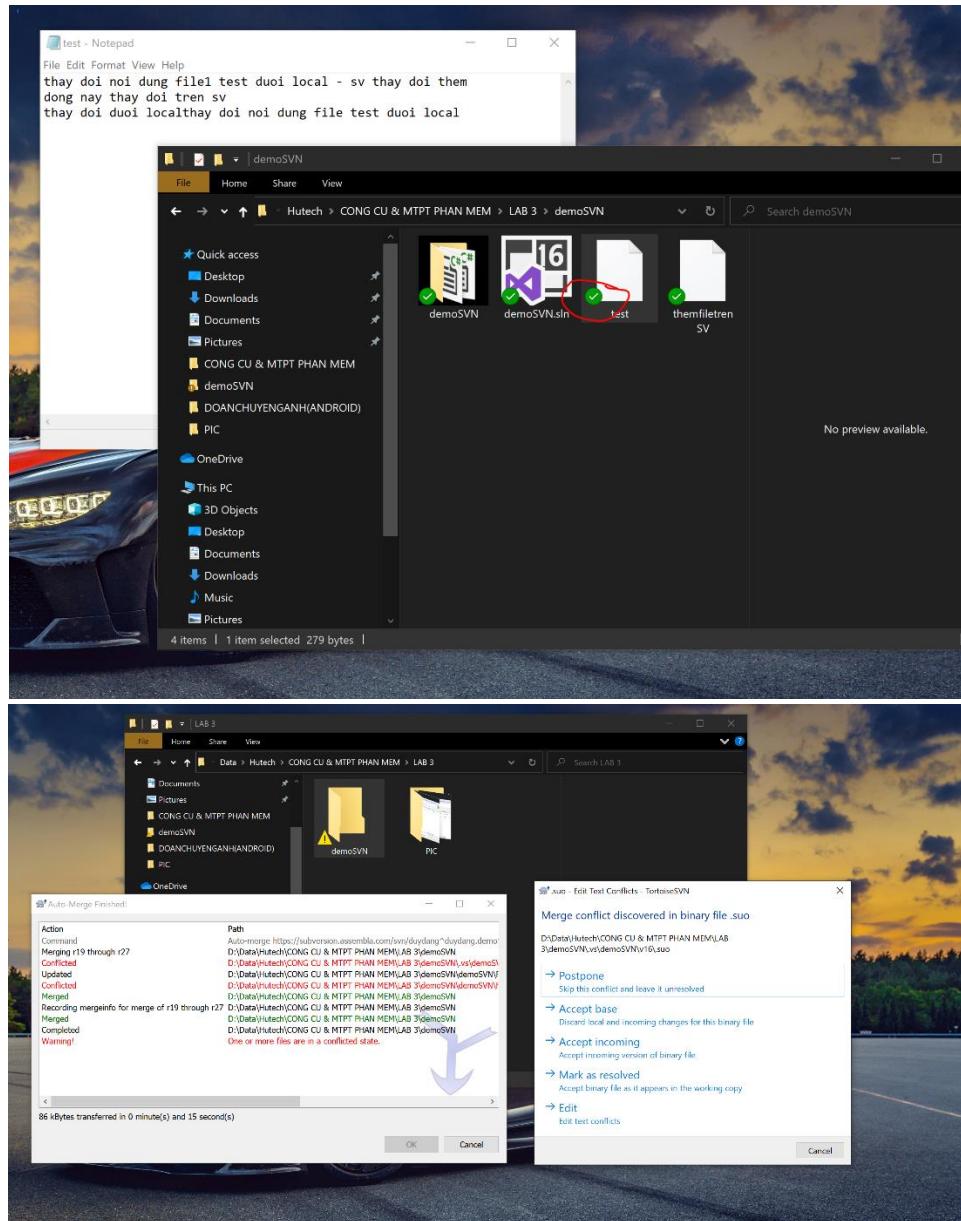
```
1  using System;
2  using System.Collections.Generic;
3  using System.ComponentModel;
4  using System.Data;
5  using System.Drawing;
6  using System.Linq;
7  using System.Text;
8  using System.Threading.Tasks;
9  using System.Windows.Forms;
10
11 namespace demoSVN
12 {
13     2 references
14     public partial class Form1 : Form
15     {
16         1 reference
17         public Form1()
18         {
19             InitializeComponent();
20             label1.Text = "Demo SVN Khoa new";
21             //Them mot dong cmt - Duy Ne
22         }
23         1 reference
24         private void label1_Click(object sender, EventArgs e)
25         {
26         }
27     }
28 }
```

7. Tạo xung đột(conflict) và xử lý xung đột(conflict)









LAB 3

File Edit

Save Reload Undo Copy Find Previous Goto Line Mark as resolved Previous difference Next conflict Paste Find Next Go to Line Previous inline difference Previous conflict Next inline difference Use left Use theirs' block * text block Blocks Whitespaces Show Whitespaces Inline diff Diff View Wrap Bars View Wrap Lines View

Theirs - Form1.cs : Remote file

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
+ 19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}  
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
19 ...}  
20 ...  
21 ...    private void label1_Click(object sender, EventArgs e){  
22 ...        ...  
23 ...    }  
24 ...}  
25 ...}  
26 ...}
```

Mine - Form1.cs : Working Copy

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}
```

Merged - Form1.cs : Merged file

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}
```

Left View: UTF-8 BOM • CRLF • Tab 4 • -1/+2 Right View: UTF-8 BOM • CRLF • Tab 4 • -1/+1 Bottom View: UTF-8 BOM • CRLF • Tab 4 • -1/+2

LAB 3

File Edit

Save Reload Undo Copy Find Previous Goto Line Mark as resolved Previous difference Next conflict Paste Find Next Go to Line Previous inline difference Previous conflict Next inline difference Use left Use theirs' block * text block Blocks Whitespaces Show Whitespaces Inline diff Diff View Wrap Bars View Wrap Lines View

Theirs - Form1.cs : Remote file

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
+ 19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}
```

Mine - Form1.cs : Working Copy

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}
```

Merged - Form1.cs : Merged file

```
14 ...{  
15 ...    public Form1()...  
16 ...{  
17 ...    InitializeComponent();  
+ 18 ...    label1.Text = "Demo SVN duy";  
19 ...    //Them mot dong cmt - Duy Ne  
20 ...}  
21 ...  
22 ...    private void label1_Click(object sender, EventArgs e){  
23 ...        ...  
24 ...    }  
25 ...}  
26 ...}
```

Left View: UTF-8 BOM • CRLF • Tab 4 • -1/+2 Right View: UTF-8 BOM • CRLF • Tab 4 • -1/+1 Bottom View: UTF-8 BOM • CRLF • Tab 4 • -1/+1

8. Tạo branch và Merge branch

The screenshot shows the Assembla Team interface for the 'duydang' team. The top navigation bar includes links for Summary, Team, Stream, Integrations, and Advanced Tools. The main content area is titled 'Space Team'.

Add team members:

1. Login, name or e-mail address: A search input field containing 'khoaint91' with a 'Search' button.
2. Choose a role: A dropdown menu set to 'Member'.

INVITE button is present below the search field.

User Table:

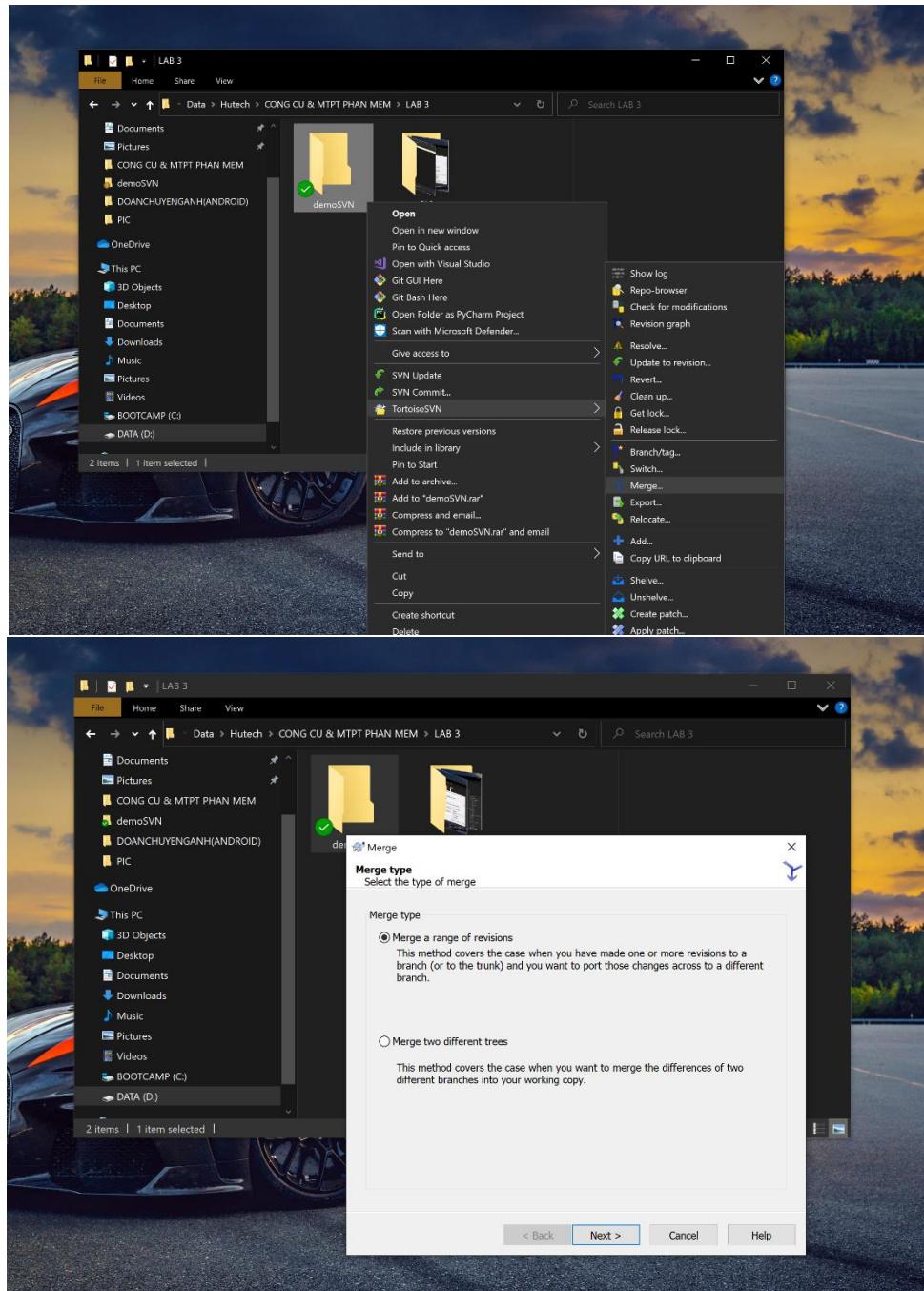
User	Login	Last login	Permission	Tag
duy (Report)	softwareit24	Just logged in	✓ Owner & Payer	Click to edit
khoaint91 (Report)	khoaint91	Logged in 16 minutes ago	✗ Member	Up, Down, Delete, Remind

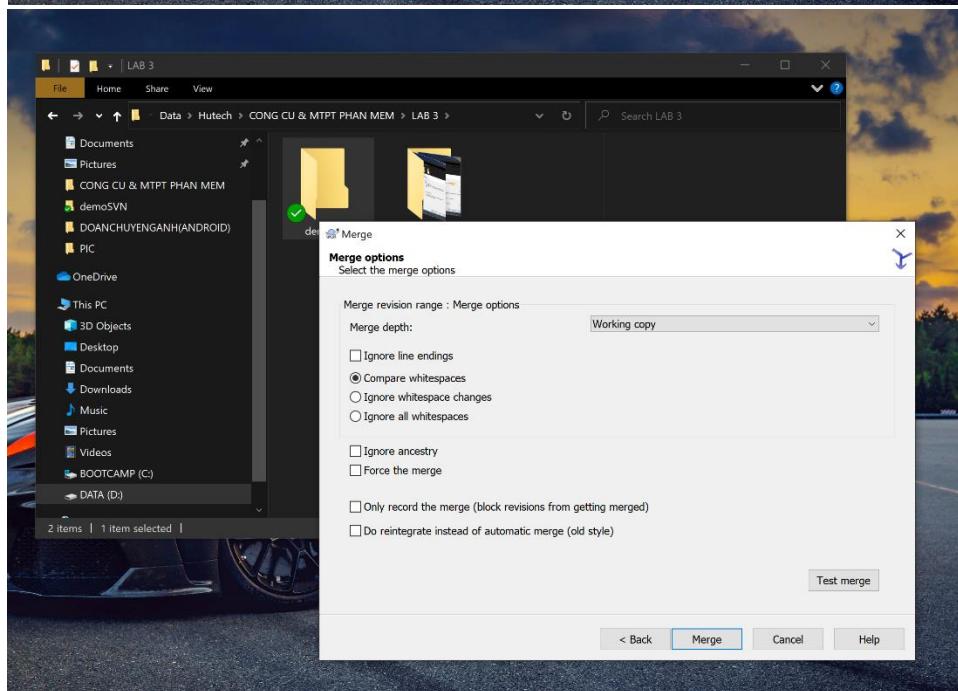
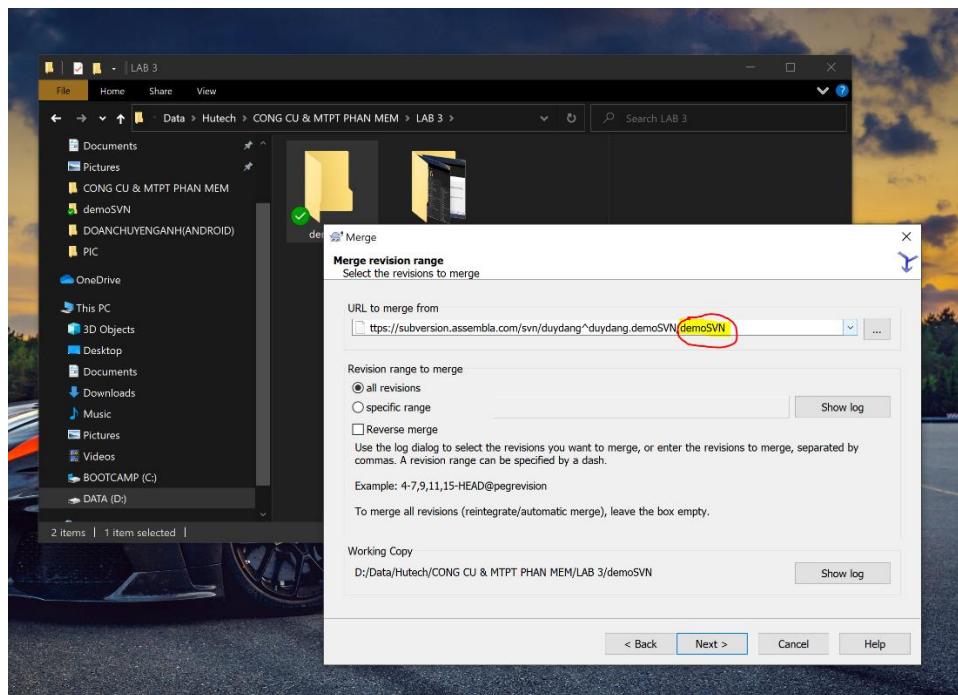
To change team member permissions: You can promote to higher permission level with **▲**, and you can demote with **▼**. Every space must have at least one owner.

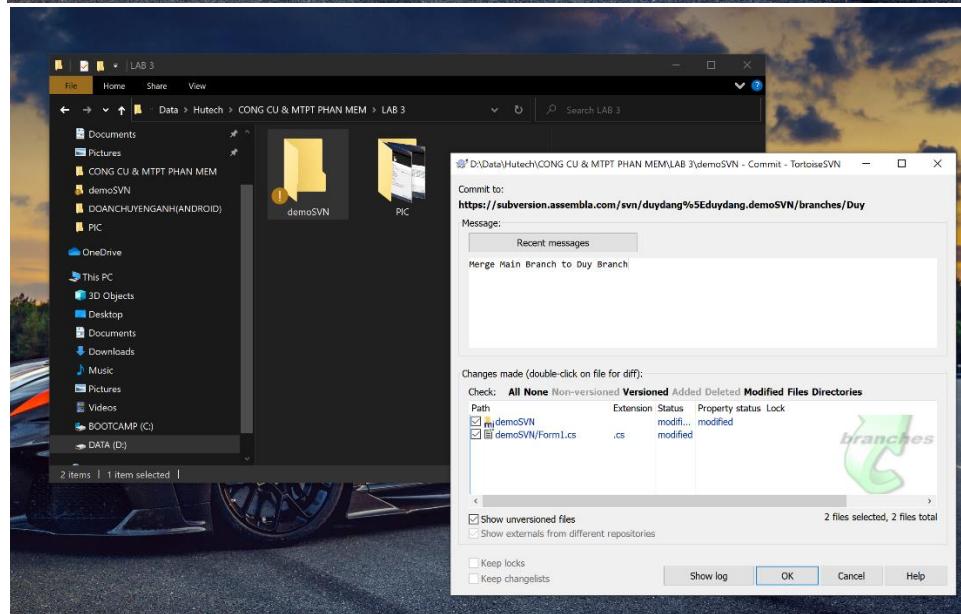
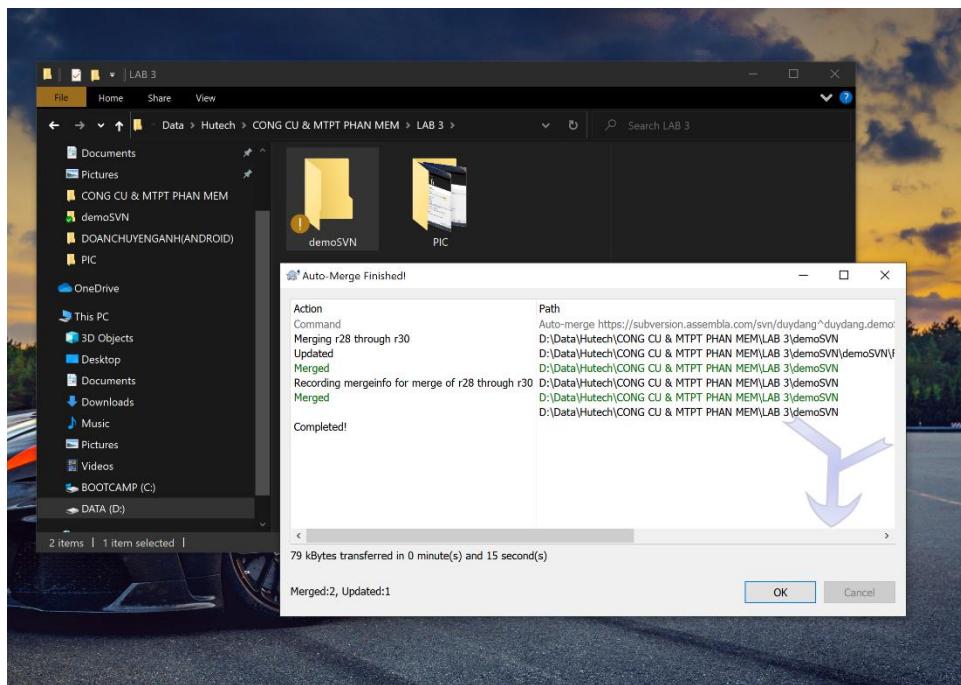
To add or invite team members: Search in the Add Team Members box by login name or e-mail address. If the user is already in the database, you will have the option to select **Add** from the result list. If you do not find the user in the database, please search by e-mail address. If the user is not found by e-mail address, you will have the option to **invite** the user. Select **invite**, and fill out the invitation form with the user's name, complete e-mail address, and your invitation message. We

The screenshot shows the Assembla Source interface for the 'duydang.demoSVN' repository. The main view displays a list of commits from two users: 'Duy' and 'Khoa'. The commit from 'Duy' is dated 2020-12-26 09:43 and has a message: 'Duy Xu lý conflict và merge main branch ve Duy's Branch'. The commit from 'Khoa' is dated 2020-12-26 09:29 and has a message: 'xử lý conflict cmt'. Below the commits, there are buttons for 'New Merge Request', 'Lock', 'Add', 'Download', and 'Checkout'.

The screenshot shows the TortoiseSVN 'Switch To Branch / Tag' dialog box. The 'To path:' field is set to 'branches/Duy'. The 'Source URL:' is listed as 'https://subversion.assembla.com/svn/duydang^duydang.demoSVN/demoSVN'. The 'Destination URL:' is listed as 'https://subversion.assembla.com/svn/duydang^duydang.demoSVN/branches/Duy'. The 'Revision' section has 'HEAD revision' selected. The 'Switch Depth' dropdown is set to 'Working copy'. There are also checkboxes for 'Make depth sticky' and 'Omit externals'. At the bottom, there are 'OK', 'Cancel', and 'Help' buttons.







A screenshot of a Windows File Explorer window titled "LAB 3". The path is "Data > Hutech > CONG CU & MTPT PHAN MEM > LAB 3". Inside this folder are two items: "demoSVN" (a yellow folder icon) and "PIC" (a blue folder icon). A modal dialog box titled "Commit Finished!" is displayed over the window. The dialog contains the following information:

Action	Path
Command	Commit to https://subversion.assembla.com/svn/duydang%5Eduydang.demoSVN/branches/Duy
Modified	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN
Modified	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN\demoSVN\Form1.cs
Sending content	D:\Data\Hutech\CONG CU & MTPT PHAN MEM\LAB 3\demoSVN\demoSVN\Form1.cs
Committing transaction...	
Completed	At revision: 31

Below the table, it says "16 kBytes transferred in 0 minute(s) and 4 second(s)". At the bottom of the dialog are buttons for "Merge", "OK", and "Cancel".

A screenshot of a web browser displaying a merge request on the Assembla platform. The URL is "app.assembla.com/spaces/duydang/subversion/merge_requests/8270033". The page shows a "Merge Requests" tab selected. The specific merge request is titled "★ Duy merge code Khoa's Branch to Main". It was created by "duy" on 2020-12-26 16:54. The target branch is "demoSVN". The status bar indicates "Last action: 2020-12-26 16:54".

The page includes sections for "Followers" (with one follower named "duy") and "Affected tickets" (listing "Updating application control #24"). There is also a comment input field with placeholder text "Type @username to send an instant message to your teammates or else type @team to mention your entire team".

Source | demoSVN | Assembla Zalo Web app.assembla.com/spaces/duy dang/subversion/source/HEAD/demoSVN

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duy dang / duy dang Summary Team Stream demoSVN ...

Source Commits Compare Merge Requests Instructions Import/Export Security Scan Settings

duy dang.demoSVN / demoSVN New Merge Request Lock Add Checkout

..

📁 .vs	2020-12-26 09:15	🕒 Duy them cmt	25	□
📁 demoSVN	2020-12-26 09:55	🕒 Merge branch 'branches/Khoa' into '/demoSVN'	29	□
📄 Desktop.ini	2020-12-25 15:54	🕒 Upload demoSVN Project	4	□
📄 demoSVN.sln	2020-12-25 15:54	🕒 Upload demoSVN Project	4	□

Property name

Commits | demoSVN | Assembla

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duy dang / duy dang Summary Team Stream demoSVN ...

Source Commits Compare Merge Requests Instructions Import/Export Security Scan Settings

New Merge Request Checkout

Saturday, December 26

duy	31	★ Merge Main Branch to Duy Branch	2020-12-26 10:50	Browse
duy	38	★	2020-12-26 10:46	Browse
duy	29	★ Merge branch 'branches/Khoa' into '/demoSVN' Show more	2020-12-26 09:55	Browse
duy	28	★ Duy Xu ly conflict va merge main branch ve Duy's Branch	2020-12-26 09:43	Browse
optimus	27	★ xu ly conflict cmt	2020-12-26 09:29	Browse
optimus	26	★ Khoa update	2020-12-26 09:18	Browse
duy	25	★ Duy them cmt	2020-12-26 09:15	Browse
optimus	24	★ Khoa merge main branch	2020-12-26 09:11	Browse
optimus	23	★	2020-12-26 09:09	Browse

<!--The End-->