Exercise: Create the NeedIt Application from Source Control

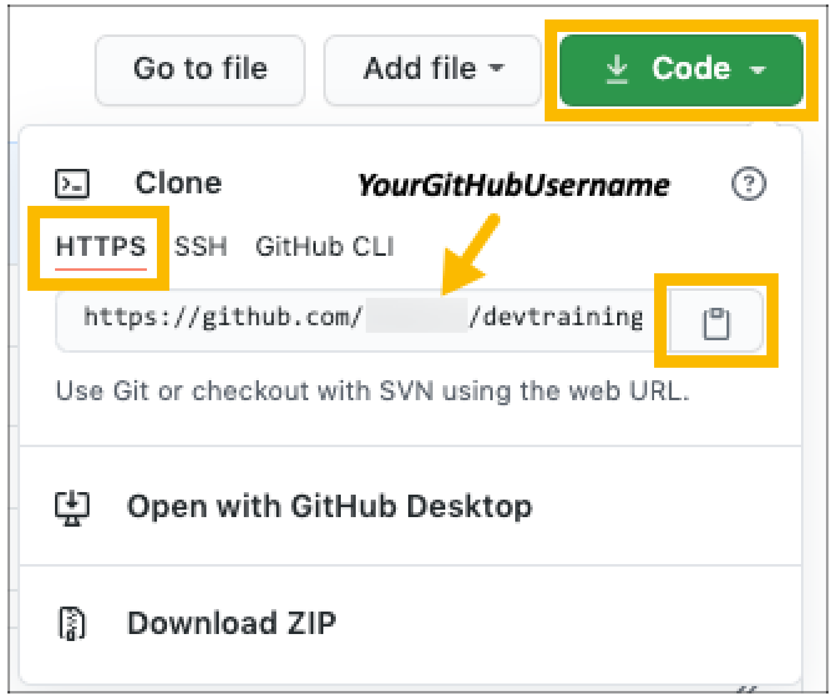
In this section of the exercise, you will create a personal fork of the application repository to use with Developer Site learning content.

1. In a web browser, open **github.com.**
2. If you have a GitHub account, sign in. If not, sign up for a new account.
3. Once signed in, open the **NeedIt repository.**
4. Click the **Fork** button
5. On the *Create a new fork* page, deselect the **Copy the main branch only** option.
6. Select your personal GitHub account as the fork *Owner*, then click the **Create fork** button.
7. Verify the URL for your fork of the repository is similar to: *<YourGitHubUsername>/devtraining-application-release*.

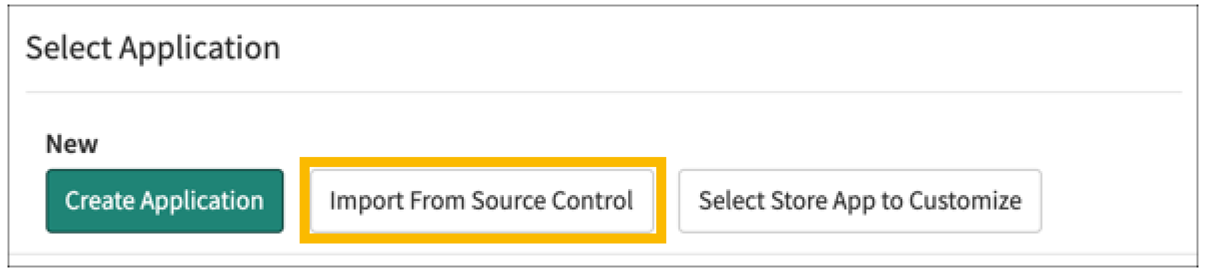
Exercise: Create the NeedIt Application from Source Control

Copy the forked repository's URL.

1. Click the **Code** button.
2. Make sure the URL contains your GitHub username, not ServiceNow.
3. Make sure **HTTPS** is selected. If not, select the **HTTPS** tab in the *Clone* flyout.
4. Click the **Copy to clipboard** button



5. Use the *All* menu to open **System Applications > Studio**.
6. Studio opens in a new browser tab.
7. In the *Select Application* dialog, click the **Import From Source Control** button.



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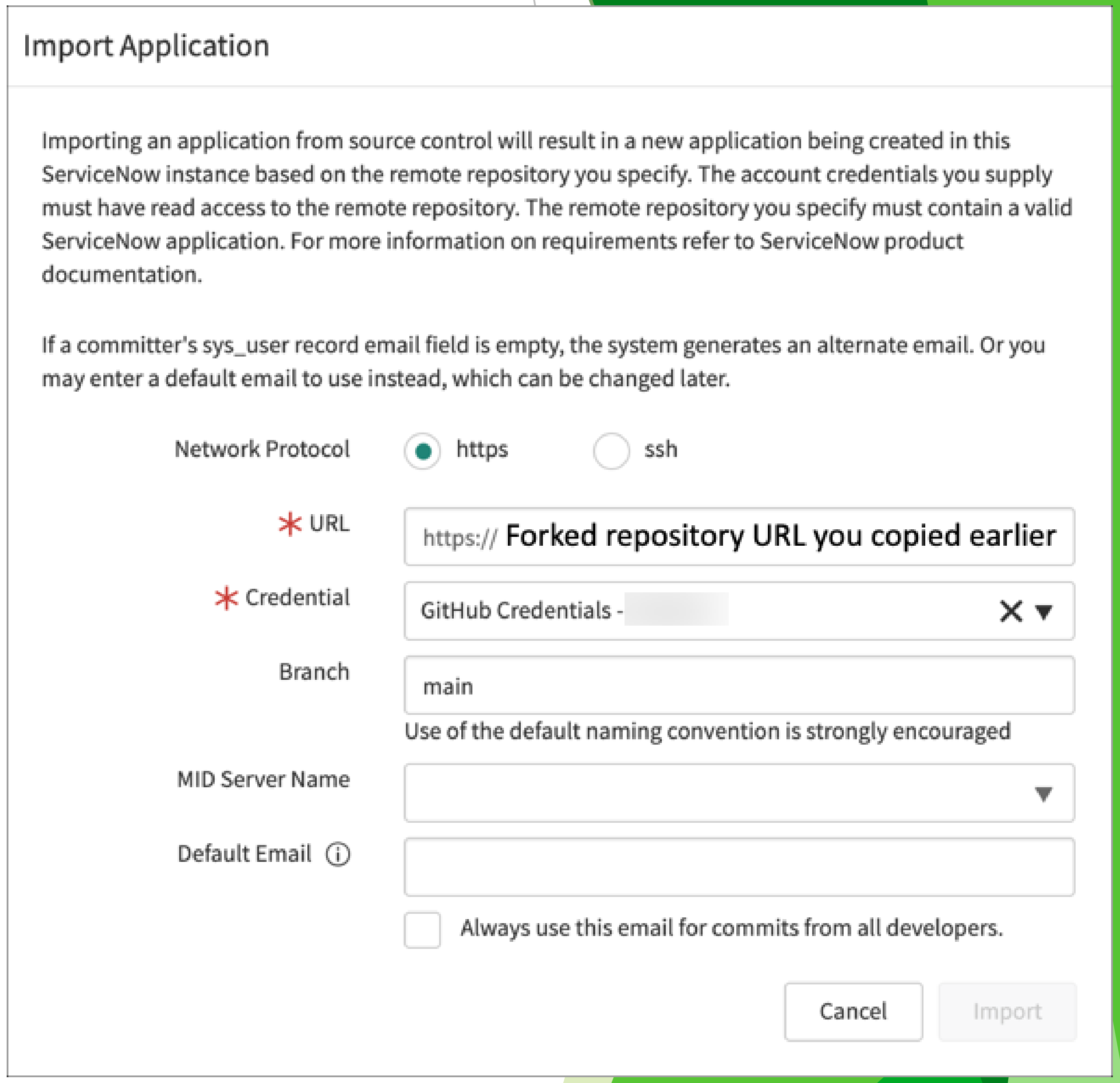
8. In the *Import Application* dialog, configure the connection to the forked repository.

URL:**<URL you copied for your forked version of the repository>**
Credential:**GitHub Credentials - <Your github.com Username>**
Branch:**main**

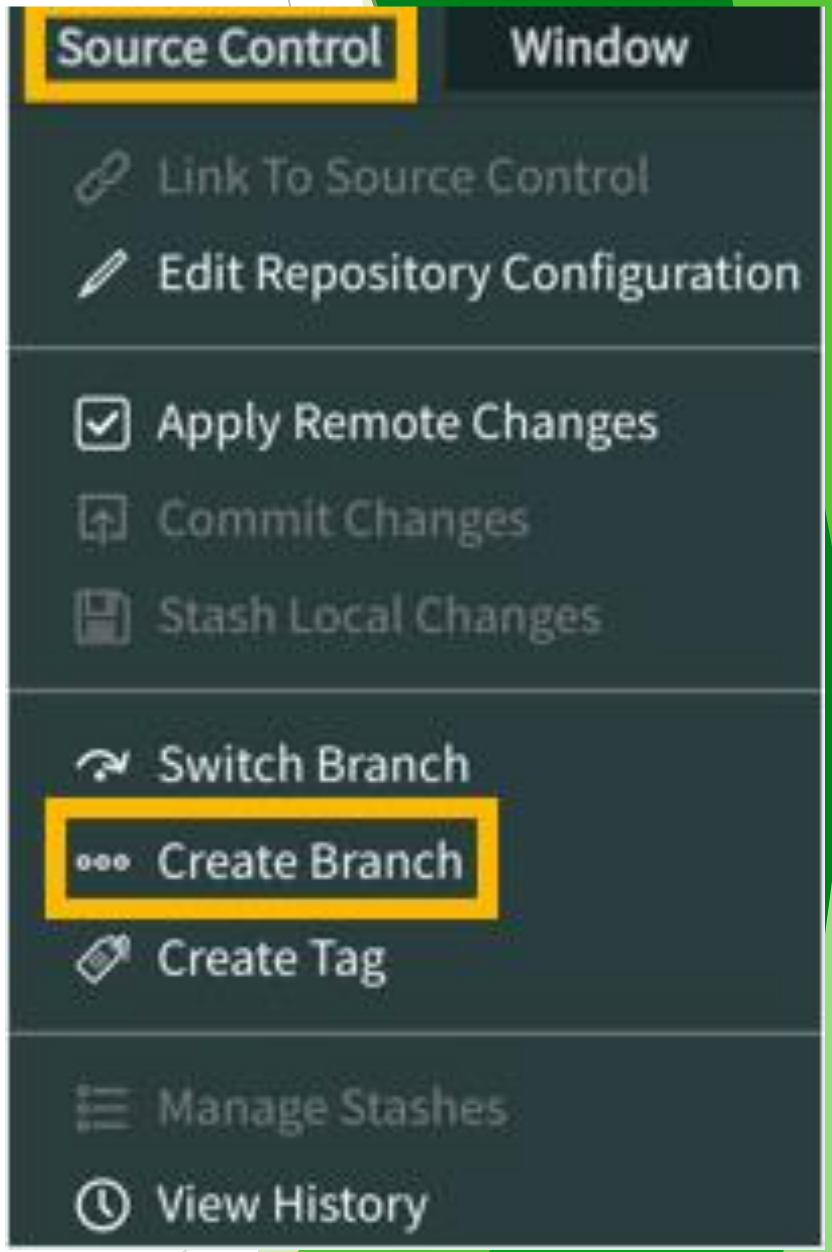
9. Click the **Import** button.
10. When the application import is complete, click the **Select Application** button.



Exercise: Create a Branch for the Build the NeedIt Application

In this exercise, you will create a branch of the *NeedIt* application for the *Build the NeedIt Application* module that includes the application files used in the module.

1. If the NeedIt application is not open in Studio from the previous exercise, open it now.
   i. In the main ServiceNow browser window, use the All menu to open System Applications > Studio.
   ii. In the Select Application dialog, click the NeedIt application.
2. In Studio, open the Source Control menu and select the Create Branch menu item.
3. Configure the branch.
   Branch Name:**CreateNeedItApp**
   Create from Tag:**-- None --**
4. Click the **Create Branch** button.
5. Click the **Close** button.
6. To load the application files included in the tag, return to the main ServiceNow browser tab (not Studio) and click the browser's reload button to refresh the page.



In this exercise, you created a branch. The main branch has no application files. You will add an application file in the next exercise.

Exercise: Create the NeedIt Table

In this exercise, you will use Studio to add a table to the *NeedIt* application.
The *NeedIt* table extends the *Task* table.

Create the NeedIt Table

1. If the *NeedIt* application is not open in Studio from the last exercise, open it now.
    - In the main ServiceNow browser window, use the *All* menu to open **System Applications > Studio**.
    - In the *Select Application* dialog, click the **NeedIt** application.

2. Add a table to the *NeedIt* application.
    - In Studio, click the **Create Application File** link.
    - In the *Filter...* field, enter the text **Table** OR select **Data Model** from the categories in the left hand pane.
    - Select **Table** in the middle pane as the file type, then click the **Create** button.
    - Configure the table:

    Label:**NeedIt**
    Name:**(This field value is automatically created.)**
    Extends table:**Task**
    Create module:**Selected (checked)**
    Create mobile module:**Selected (checked)**
    Add module to menu:**-- Create new --**
    New menu name:**NeedIt**

Exercise: Create the NeedIt Table

e. Switch to the **Controls** section (tab) and configure the controls:

Auto-number:**Selected (checked)**
Prefix:**NI**
Number:**2000**
Number of digits:**6**
Create access controls:**(This field must be selected for scoped applications.)**
User role:**(This field value is automatically created. Notice the syntax of the user role name.)**

3. Click the **Submit** button to save the table.

4. Examine the Application Explorer. Notice that creating a table created other application files: Roles, Access Controls, Application Menus, Modules, Application Menus (Mobile), and Modules (Mobile).

5. On the *NeedIt* table record, switch to the **Columns** section (tab). Notice that although you did not add columns to the table, the table has columns. The columns are inherited from the *Task* table.

6. Verify creation of the *NeedIt* application menu and module.
   - Return to the main ServiceNow browser window (Not Studio).
   - Use the browser's **Reload** button (browser dependent) to reload ServiceNow.
   - Open the *All* menu and type **NeedIt** in the *Filter* field. You should see the *NeedIt* menu and a *NeedIts* module.