

Fostering Inclusive Pair Programming with Awareness Tool

User's Guide

Kuttal

CSC 492 Team 3

**Terrell Dixon
Lindsey Dunkley
Megan Planchock
Declan Smith
Sam Stone**

1. Open the extension using the icon on the activity bar.

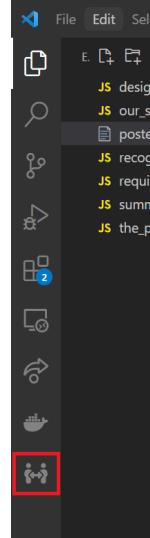


Figure 1: The Location of the Extension Tab

2. Click the “Create New Session” button.

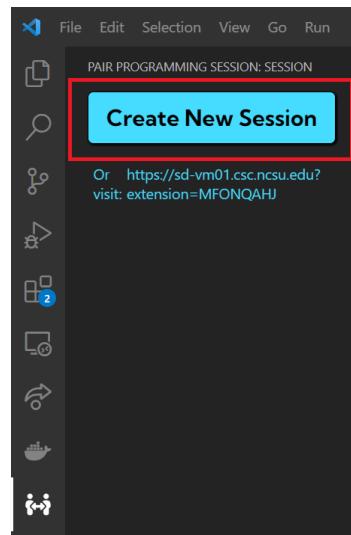


Figure 2: The Button to Create a New Session on the Extension Panel

- a. After clicking the button a webpage will open and request permission to access the camera and microphone feeds. Click allow.

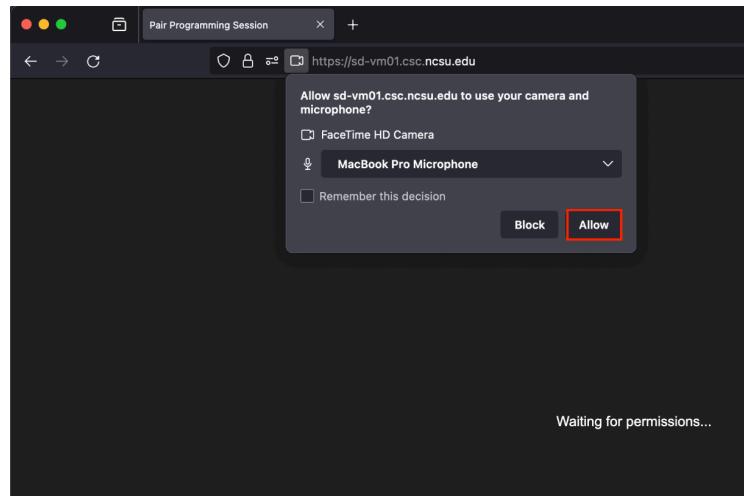


Figure 3: The Webpage Requesting Permission to Access the Microphone and Camera

- b. Once you have granted permissions, you should see the Create New Session screen with a unique ID, a text box to enter your partner's id, and a "Start Session" button.

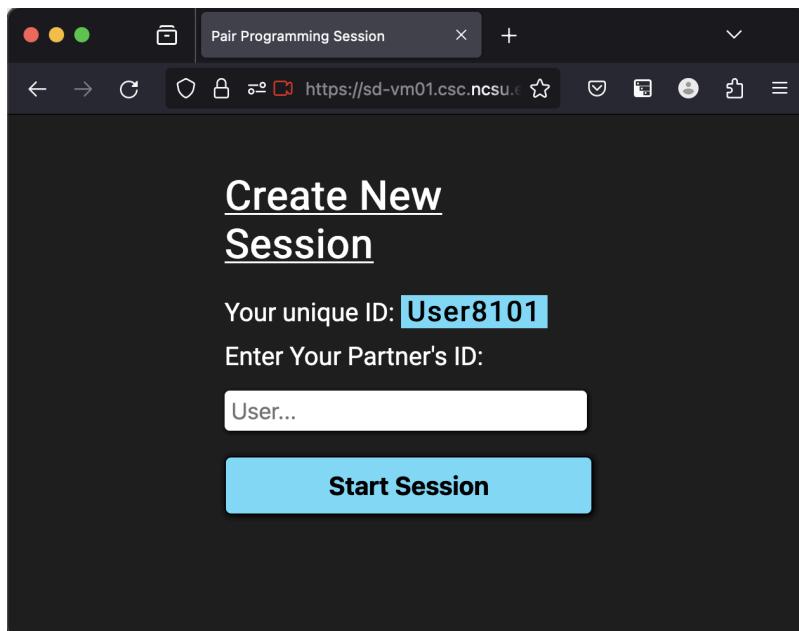


Figure 4: The Webpage After it Opens

3. Now you will need to exchange IDs to start a session, which can be done in two ways.
 - a. Through text, word of mouth, or another method, obtain the user id of the other user who will be in the session. Enter that ID in the field under the text "Enter Your Partner's ID". Once the ID has been entered, click the button with the text "Start Session".

- i. If the id that was entered was incorrect, the page should display an error message.

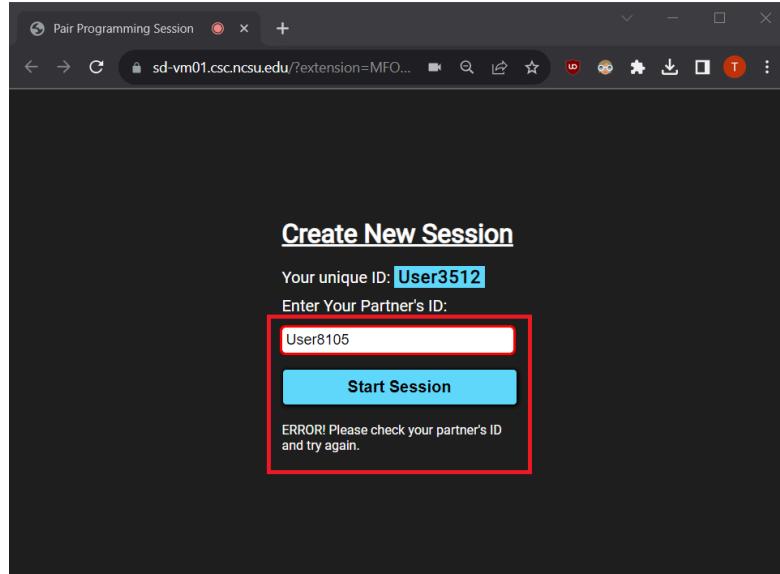


Figure 5: The Location of The Textbox to Enter ID's

- b. OR You send the other user your User ID and wait for them to click the button to start the session.

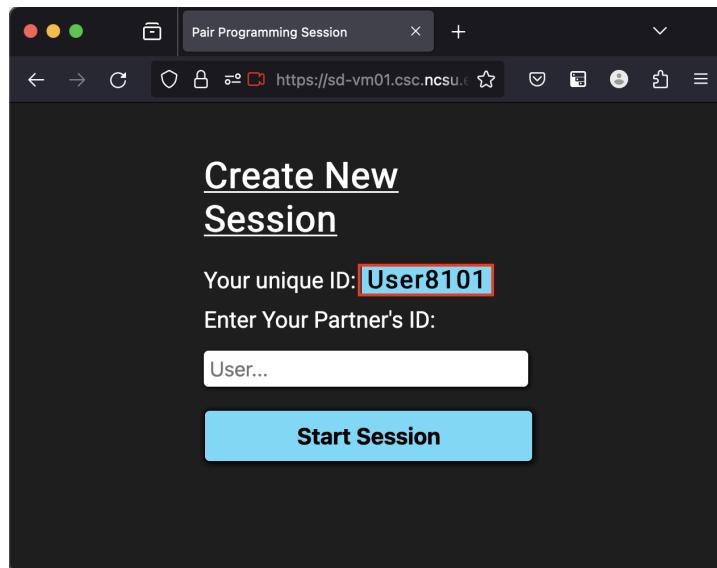


Figure 6: The Location of the User ID

4. After creating a session the web page will update to now contain two video calls and buttons for video options that appear when you hover over them. Make sure not to close this window as it will end your session.

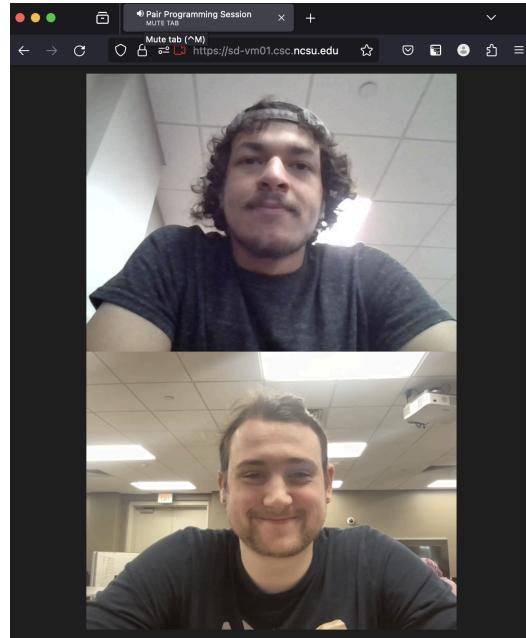


Figure 7: The Webpage After a Session Has Started

- a. There are options to mute the audio or stop sharing video:

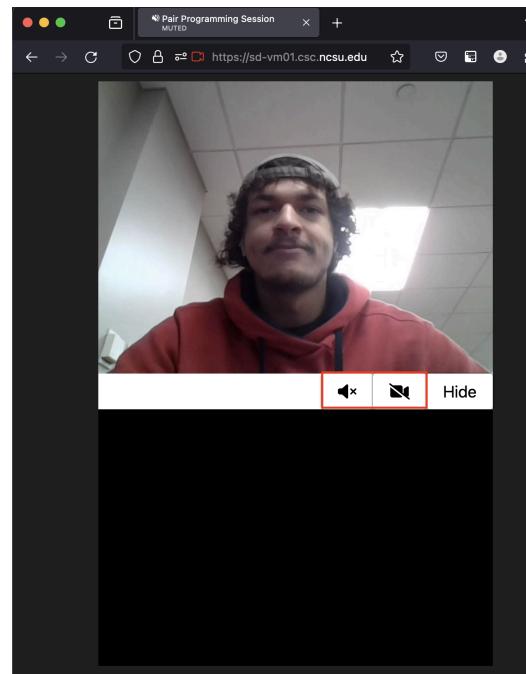


Figure 8: The Webpage if the User Has Muted Their Microphone and Restricted Their Camera Stream

- b. The Hide button hides your camera feed but only on your end.

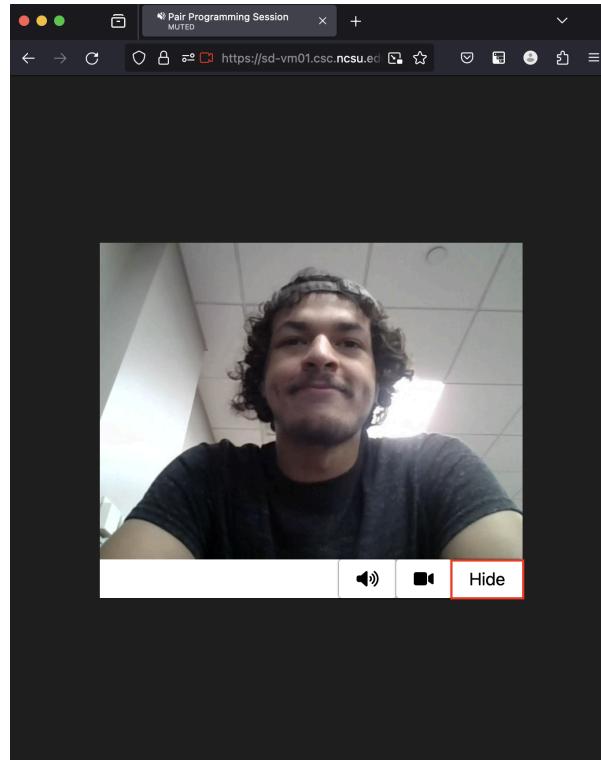


Figure 9: The Webpage if the User Hides Their Camera

5. Return to Visual Studio Code. Inside the panel, the in-session feedback should have been rendered.

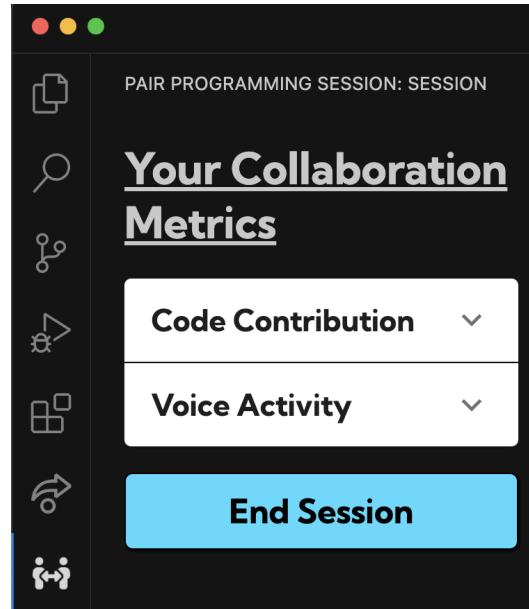


Figure 10: The Extension Panel During the Session

- a. To view the code contribution, click the “Code Contribution” container.

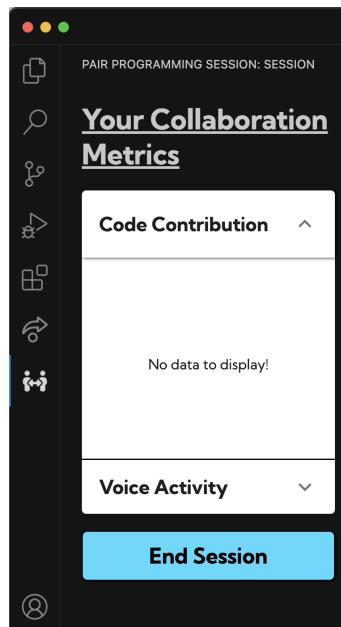


Figure 11: The Code Contribution Panel if Neither User Has Added Any Code

- b. To view the number of times you have interrupted your partner, click the “Voice Activity” container.

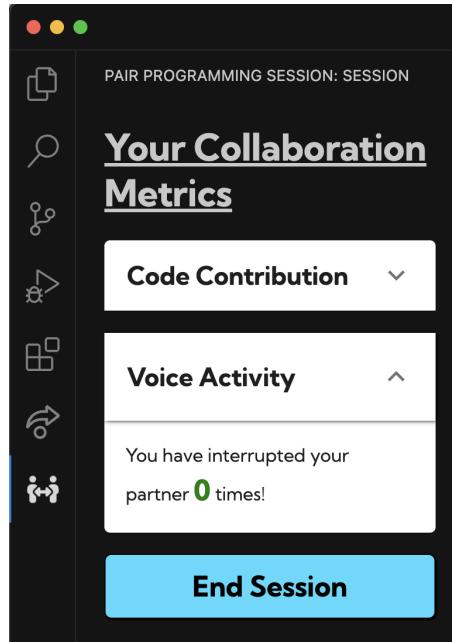


Figure 12: The Voice Activity Panel if the User Has Not Interrupted Their Partner

6. To see the End Session feedback, click the button with the text “End Session”. The extension will update to display a contribution score and containers containing information based on your performance during the session. The containers have information on your Communication Style, Number of Interruptions, Leadership Style, and Level of Self Efficacy.
7. Once done viewing the end session report, click the “Close Report” button to return to the “Start Session” screen. At this point you can now close the video call window.

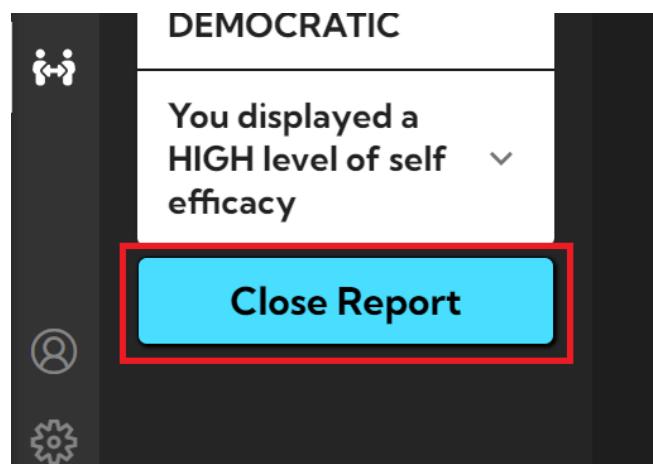


Figure 13: The Button to Close an End Session Report