

MyCANIC-IOT Wireless / Cloud Server Setup Manual

Version 1.02 – July 1, 2022

EEPod MyCANIC-IOT Setup Manual

MyCANIC-IOT Power-Up PassThru Screen

When the MyCANIC-IOT is powered, it will show the Main Menu for a moment and then go the PassThru screen when the wireless module gathers info (file system information, version, serial number, etc.) to communicate with the EEPod cloud server. The unique electronic serial number is shown on the screen (20618407 in the picture above).

Please note the following terminology in this document:

Upload / Download is used when referring to moving files between your PC and the cloud server.

Push / Pull is used when referring to moving files between the MyCANIC-IOT and cloud server.

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The first step is to connect the MyCANIC IOT to your wireless network. You will need a computer or smartphone with wireless capability to complete this process.

Press the escape (*) key to exit the PassThru screen and get to the main menu, then use the arrow keys to select Setup and press ENTER.

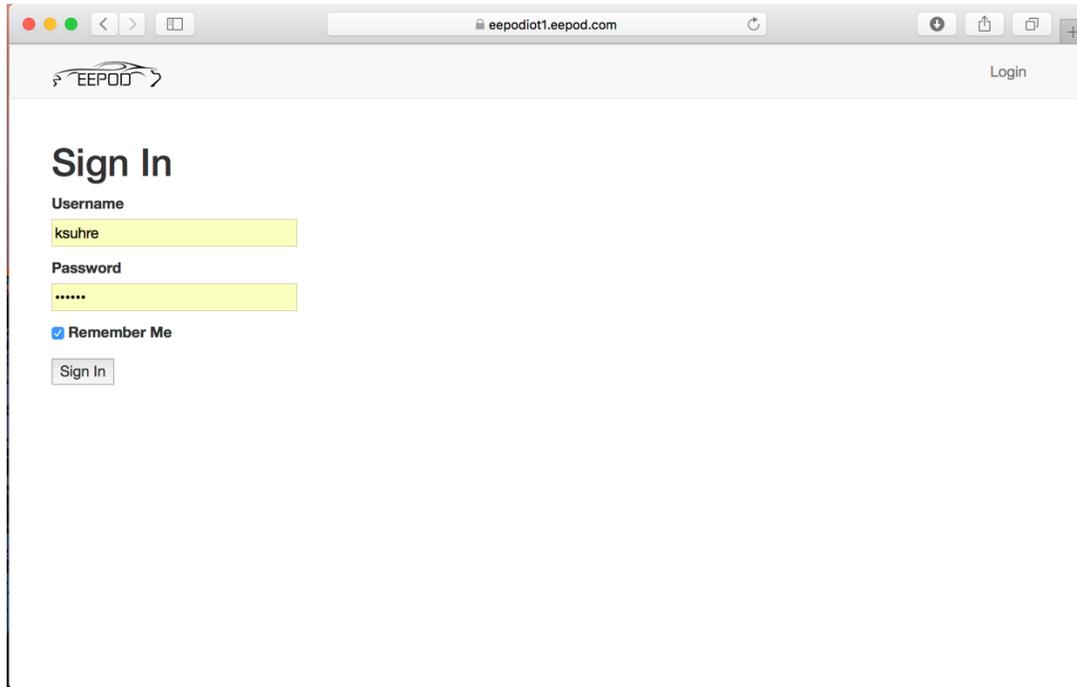
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Use the arrow keys in the Setup Menu to select IOT Provisioning and press ENTER.

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The IOT Provisioning screen shows the wireless access point (AP) name that you will connect to with your smartphone/computer, along with the IP address you will use in your browser to get to the setup page. Write this information down and then press ENTER to enable the AP.

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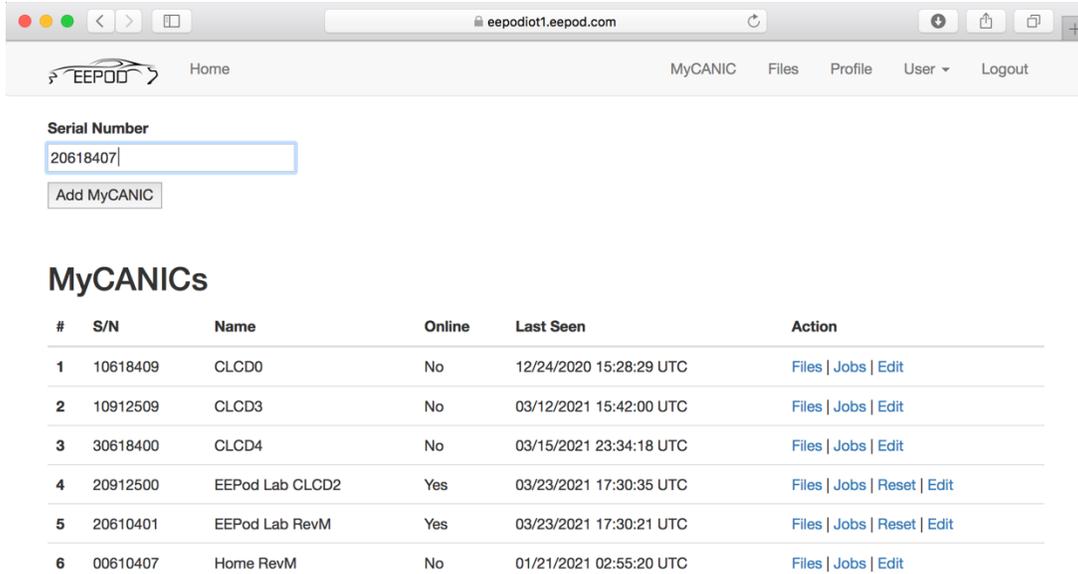


The screenshot shows a web browser window with the address bar displaying "eepodiot1.eepod.com". The page header includes the EEPod logo and a "Login" link. The main content area is titled "Sign In" and contains the following elements:

- Username:** A text input field containing the text "ksuhre".
- Password:** A password input field containing six dots ".....".
- Remember Me:** A checked checkbox labeled "Remember Me".
- Sign In:** A button labeled "Sign In".

The next step is to log into the EEPod IOT cloud server and add the MyCANIC. Go to eepodiot1.eepod.com, enter your user name and password and click Sign In.

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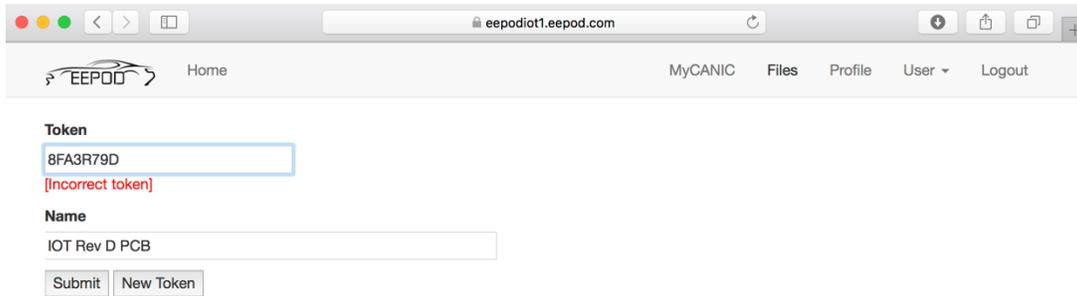
The screenshot shows a web browser window at the URL eepodiot1.eepod.com. The page has a navigation bar with 'MyCANIC', 'Files', 'Profile', 'User', and 'Logout' links. Below the navigation bar, there is a 'Serial Number' input field containing '20618407' and an 'Add MyCANIC' button. Below this is a section titled 'MyCANICs' containing a table with 6 rows of data.

#	S/N	Name	Online	Last Seen	Action
1	10618409	CLCD0	No	12/24/2020 15:28:29 UTC	Files Jobs Edit
2	10912509	CLCD3	No	03/12/2021 15:42:00 UTC	Files Jobs Edit
3	30618400	CLCD4	No	03/15/2021 23:34:18 UTC	Files Jobs Edit
4	20912500	EEPod Lab CLCD2	Yes	03/23/2021 17:30:35 UTC	Files Jobs Reset Edit
5	20610401	EEPod Lab RevM	Yes	03/23/2021 17:30:21 UTC	Files Jobs Reset Edit
6	00610407	Home RevM	No	01/21/2021 02:55:20 UTC	Files Jobs Edit

Click the MyCANIC tab at the top of the window and then enter the serial number of the MyCANIC you would like to add. The MyCANIC will then display a token on the LCD screen.



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The screenshot shows a web browser window with the URL `eepodiot1.eepod.com`. The page has a navigation bar with the EEPod logo, a "Home" link, and a user menu containing "MyCANIC", "Files", "Profile", "User", and "Logout". The main content area has a "Token" label above a text input field containing "8FA3R79D". Below the token field is a red error message: "[Incorrect token]". Underneath is a "Name" label above a text input field containing "IOT Rev D PCB". At the bottom of the form are two buttons: "Submit" and "New Token".

Enter the token from the MyCANIC into the Token field on the screen. Give the MyCANIC a “name” that will be easy to identify/reference and then press Submit. Note that in the example screen above, the token was entered incorrectly once (which is the reason for the red error text) and then corrected.

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Added S/N 20618407

Serial Number

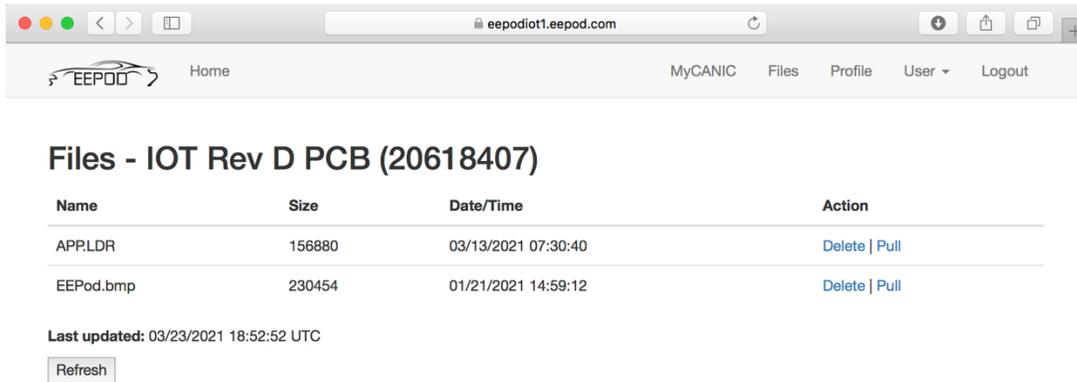
Add MyCANIC

MyCANICs

#	S/N	Name	Online	Last Seen	Action
1	10618409	CLCD0	No	12/24/2020 15:28:29 UTC	Files Jobs Edit
2	10912509	CLCD3	No	03/12/2021 15:42:00 UTC	Files Jobs Edit
3	30618400	CLCD4	No	03/15/2021 23:34:18 UTC	Files Jobs Edit
4	20912500	EEPod Lab CLCD2	Yes	03/23/2021 17:30:35 UTC	Files Jobs Reset Edit
5	20610401	EEPod Lab RevM	Yes	03/23/2021 17:30:21 UTC	Files Jobs Reset Edit
6	00610407	Home RevM	No	01/21/2021 02:55:20 UTC	Files Jobs Edit
7	20618407	IOT Rev D PCB	Yes	03/23/2021 18:48:13 UTC	Files Jobs Reset Edit

You will now see the MyCANIC in your list and you can see that it is currently online. Now the MyCANIC is connected to the cloud server and anytime it comes within range of any of the wireless networks in it's profile list, it will connect to the server and synchronize any files necessary. The following pages will show how to view the files on each MyCANIC as well as how to upload/download files.

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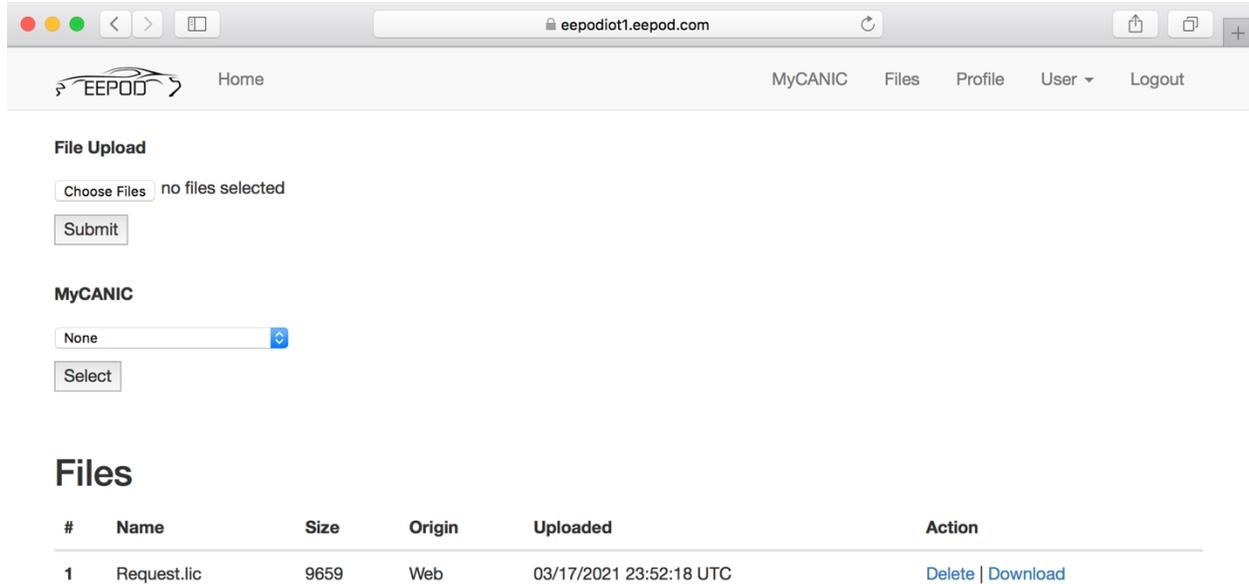
The screenshot shows a web browser window with the address bar displaying `eepodiot1.eepod.com`. The page header includes the EEPod logo, a "Home" link, and navigation links for "MyCANIC", "Files", "Profile", "User", and "Logout". The main content area is titled "Files - IOT Rev D PCB (20618407)" and contains a table with the following data:

Name	Size	Date/Time	Action
APPLDR	156880	03/13/2021 07:30:40	Delete Pull
EEPod.bmp	230454	01/21/2021 14:59:12	Delete Pull

Below the table, it states "Last updated: 03/23/2021 18:52:52 UTC" and includes a "Refresh" button.

Clicking the Files Action Item next to a given MyCANIC will show the current list of files on the SD-Card. The Refresh button can be clicked to manually update the cloud view if the contents of the SD-Card change. The refresh happens in the background, so you need to re-load the page and check the “Last updated” time to verify the refresh is complete. The list of files is also automatically refreshed every time the MyCANIC-IOT is powered and connected to wireless with access to the cloud server.

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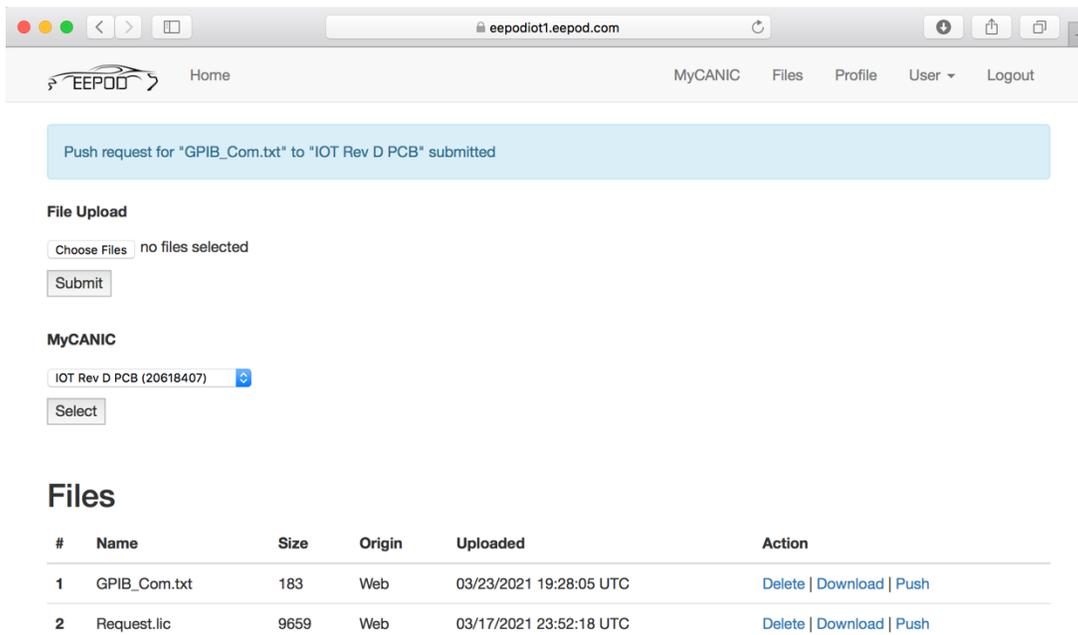
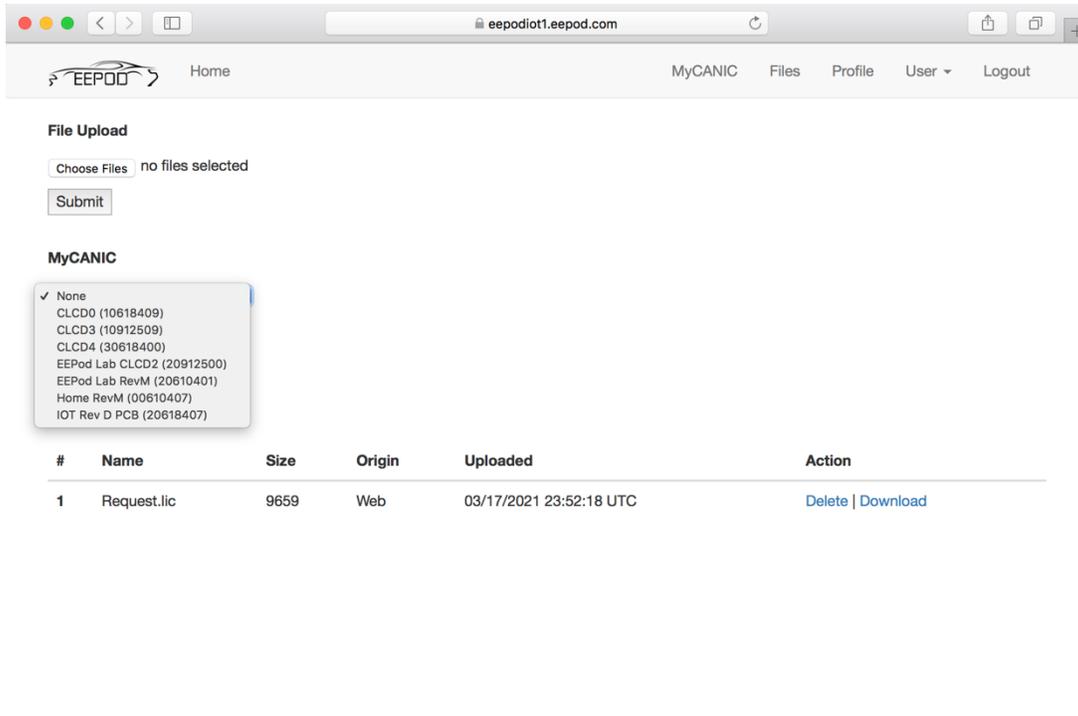
The screenshot shows a web browser window with the URL `eepodiot1.eepod.com`. The navigation bar includes the EEPod logo, a 'Home' link, and menu items for 'MyCANIC', 'Files', 'Profile', 'User', and 'Logout'. The main content area is divided into three sections:

- File Upload:** Contains a 'Choose Files' button, the text 'no files selected', and a 'Submit' button.
- MyCANIC:** Features a dropdown menu currently set to 'None' and a 'Select' button.
- Files:** A table listing uploaded files.

#	Name	Size	Origin	Uploaded	Action
1	Request.lic	9659	Web	03/17/2021 23:52:18 UTC	Delete Download

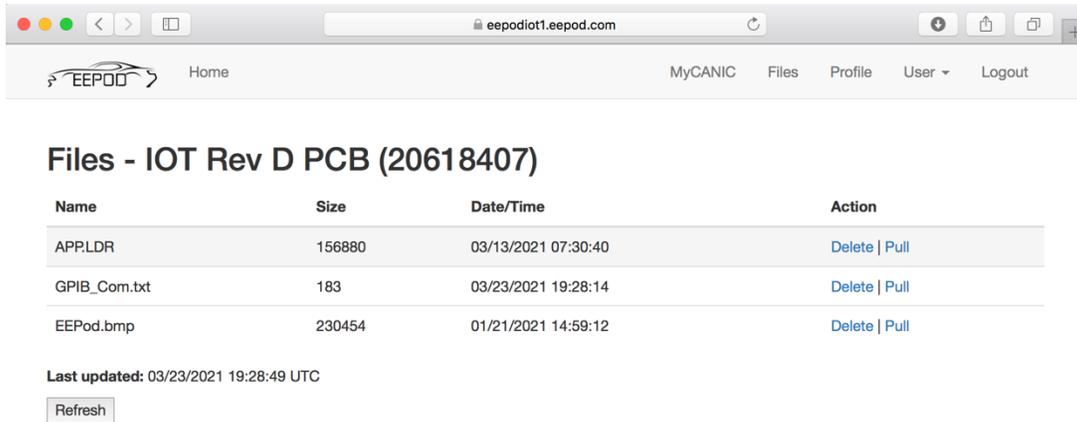
Clicking the Files tab at the top of the window will get you to the screen above, where you can Upload (move files from your computer to the cloud server) or Download (move files from the cloud server to your computer). To Upload, click the Choose Files button, select the files and press the Submit button. Uploaded files will not overwrite files of the same name. To Download, just select the Download action item next to the file on the cloud server you want.

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To Push files from the cloud server to a given MyCANIC, select the MyCANIC from the dropdown list and then click the Push action next to each file you would like to add to the MyCANIC SD-Card. Pushed files will overwrite files of the same name.

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The screenshot shows a web browser window with the address bar displaying 'eepodiot1.eepod.com'. The page title is 'Files - IOT Rev D PCB (20618407)'. The navigation menu includes 'MyCANIC', 'Files', 'Profile', 'User', and 'Logout'. The main content area displays a table of files with columns for Name, Size, Date/Time, and Action.

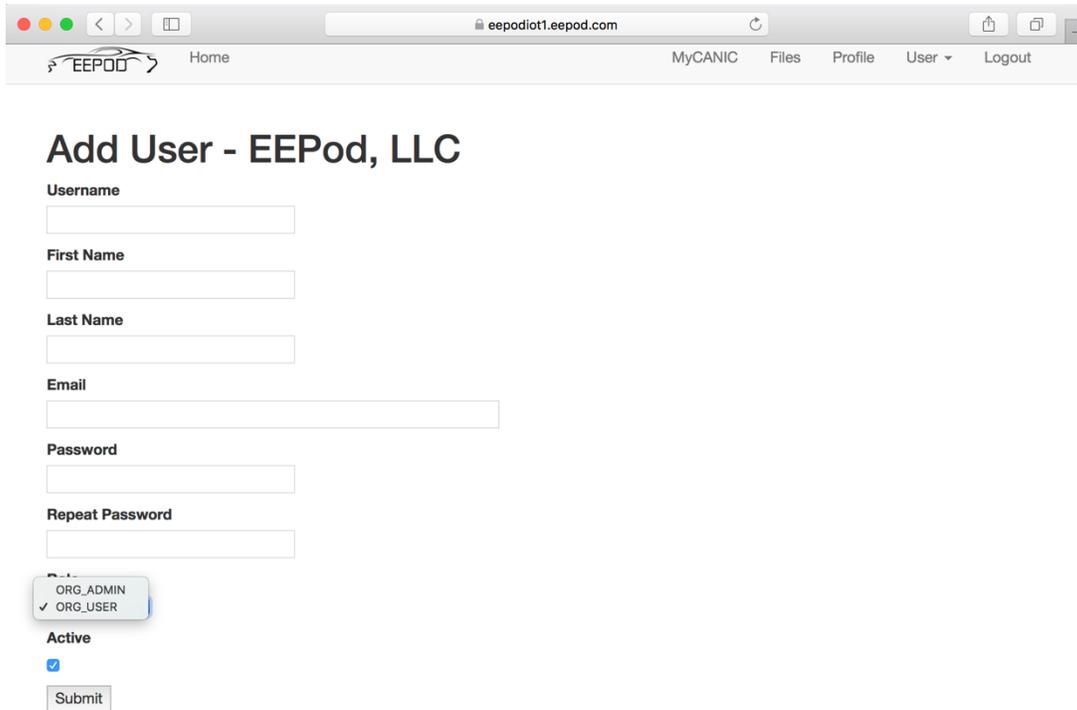
Name	Size	Date/Time	Action
APPLDR	156880	03/13/2021 07:30:40	Delete Pull
GPIB_Com.txt	183	03/23/2021 19:28:14	Delete Pull
EEPod.bmp	230454	01/21/2021 14:59:12	Delete Pull

Last updated: 03/23/2021 19:28:49 UTC

[Refresh](#)

Going back to the MyCANIC tab and pressing the Files action next to the MyCANIC selected shows that the file (GPIB_Com.txt) that was Pushed has been added to the SD-Card.

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The screenshot shows a web browser window with the URL `eepodiot1.eepod.com`. The page title is "Add User - EEPod, LLC". The form contains the following fields and options:

- Username**:
- First Name**:
- Last Name**:
- Email**:
- Password**:
- Repeat Password**:
- Role**:
 - ORG_ADMIN
 - ORG_USER
- Active**:
- Submit**:

If you are an administrator for your organization, you can also go to the User tab at the top of the screen and add new users and/or administrators.