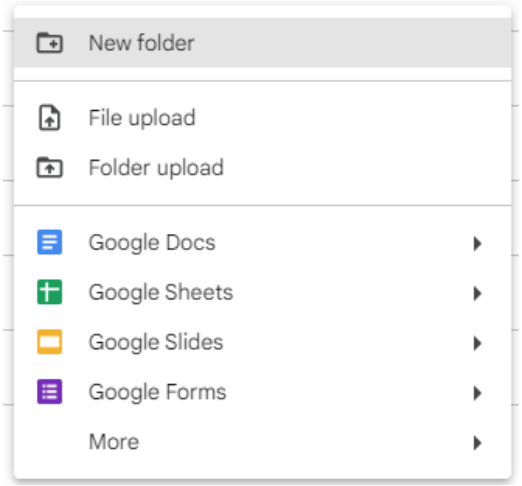
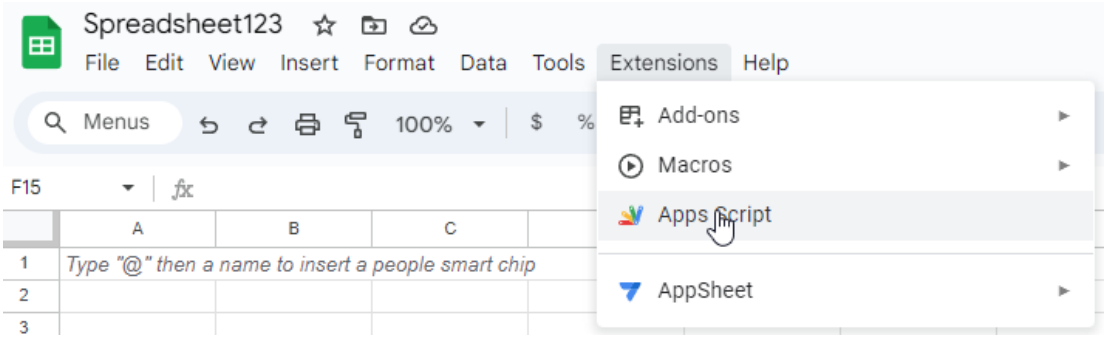
IPTC Solar Array Simulator Internet of Things Platform Setup using Google Workspace

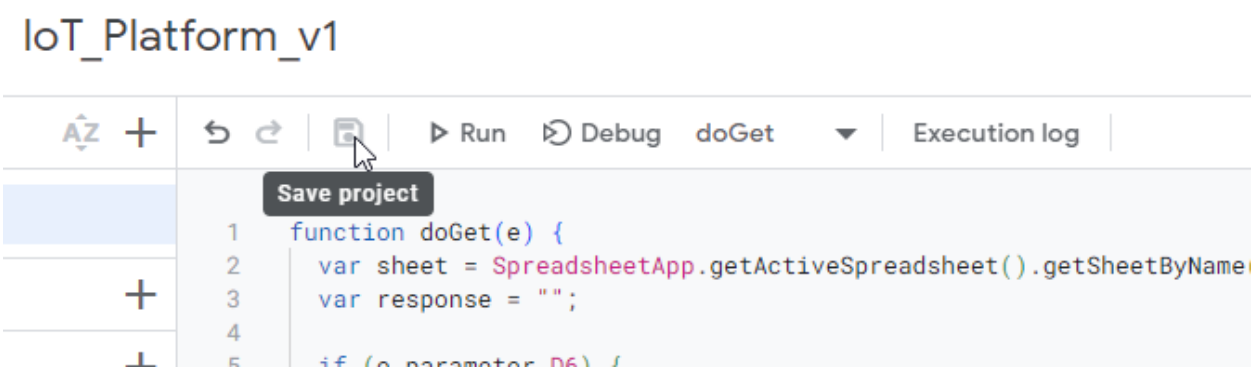
Step 1: Access the Google Drive folder where you want to save your project and create a new Google Sheets.



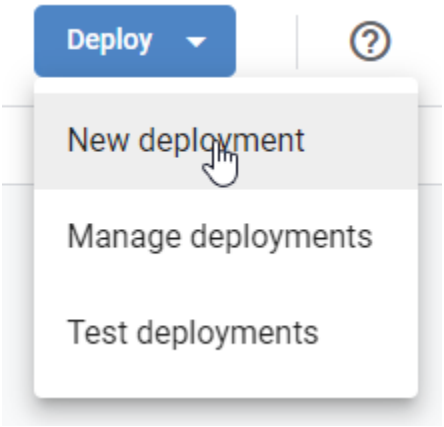
Step 2: Name your spreadsheet, go to “Extensions” and select “Apps Script”.



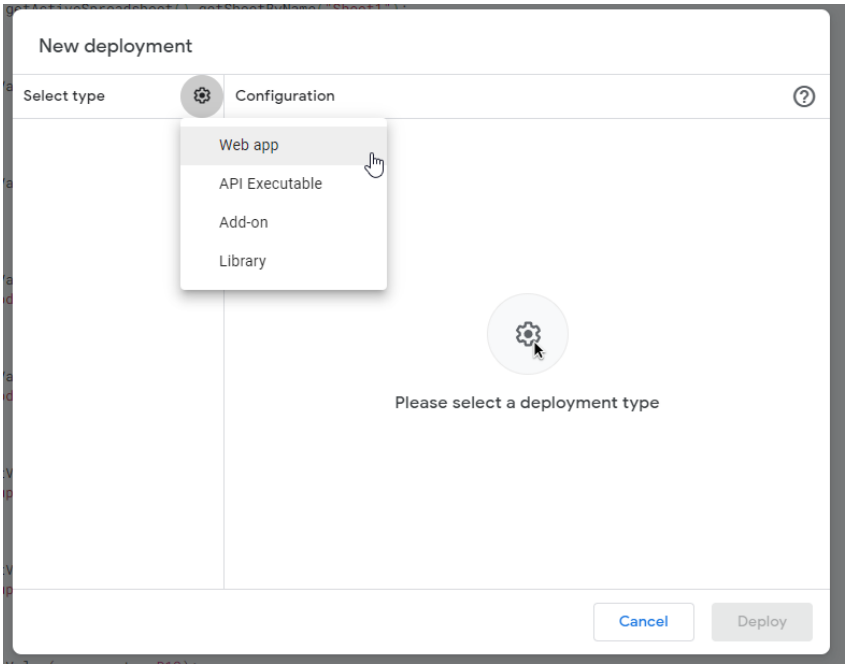
Step 3: You will be redirected to the following website. Rename your new project, and in the code box you can paste whichever component of the IoT platform you wish to setup. The .js files can be downloaded from GitHub. Then press the save icon.

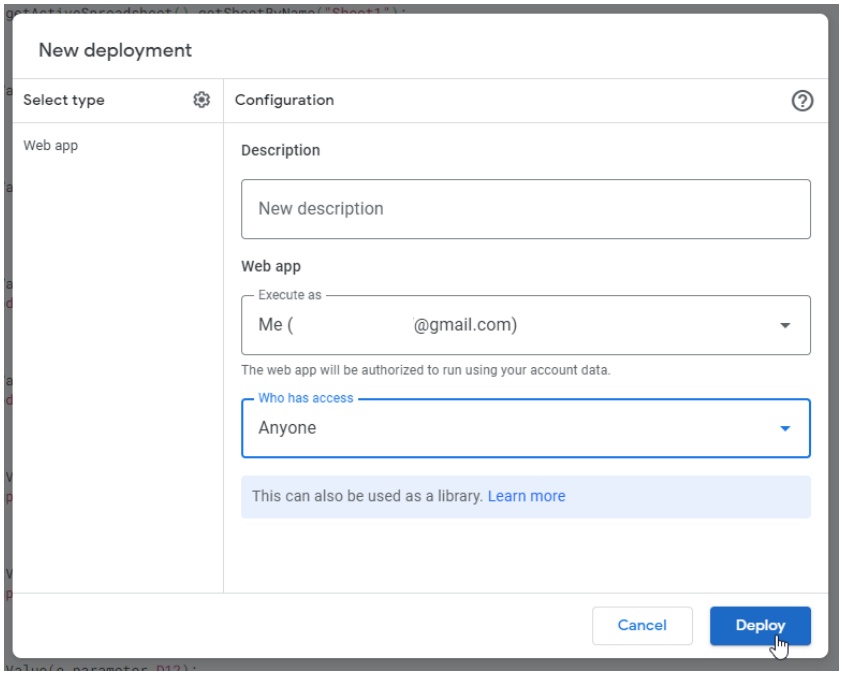


Step 4: Press the "Deploy" icon and then select "New deployment".

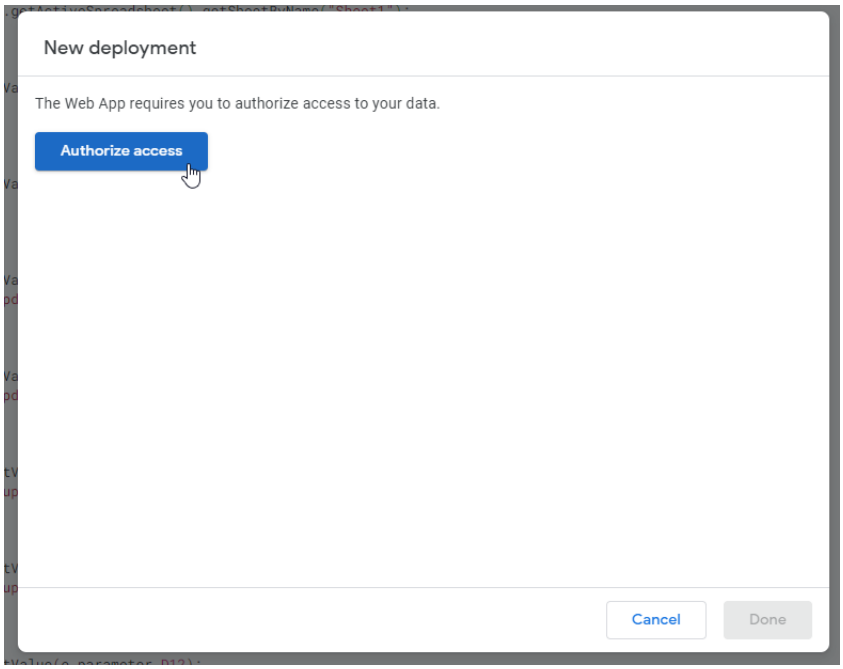


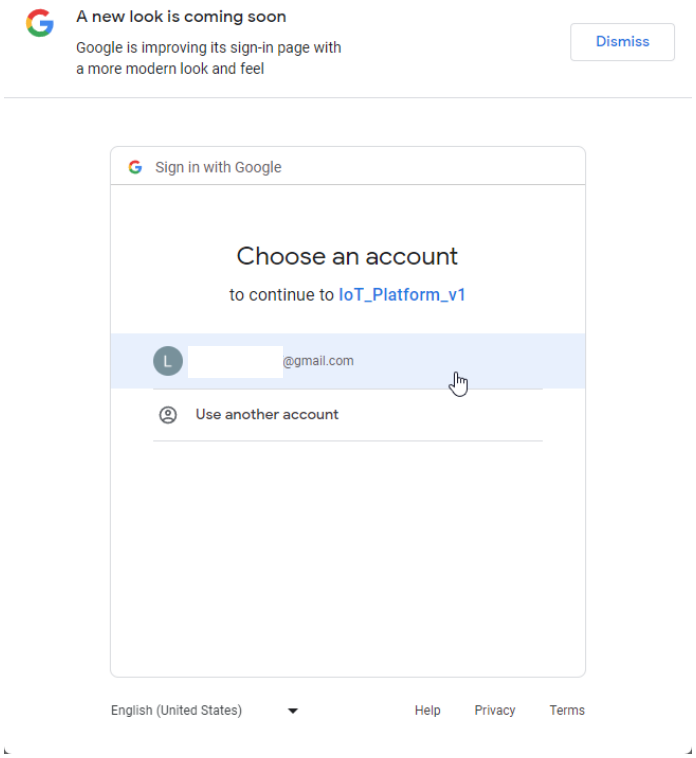
Step 5: You will be asked to select a deployment type, select “Web app”. Then, be sure to change the access to “Anyone”, otherwise you won’t be able to freely access the platform with an MCU or Python script. Then press “Deploy”.



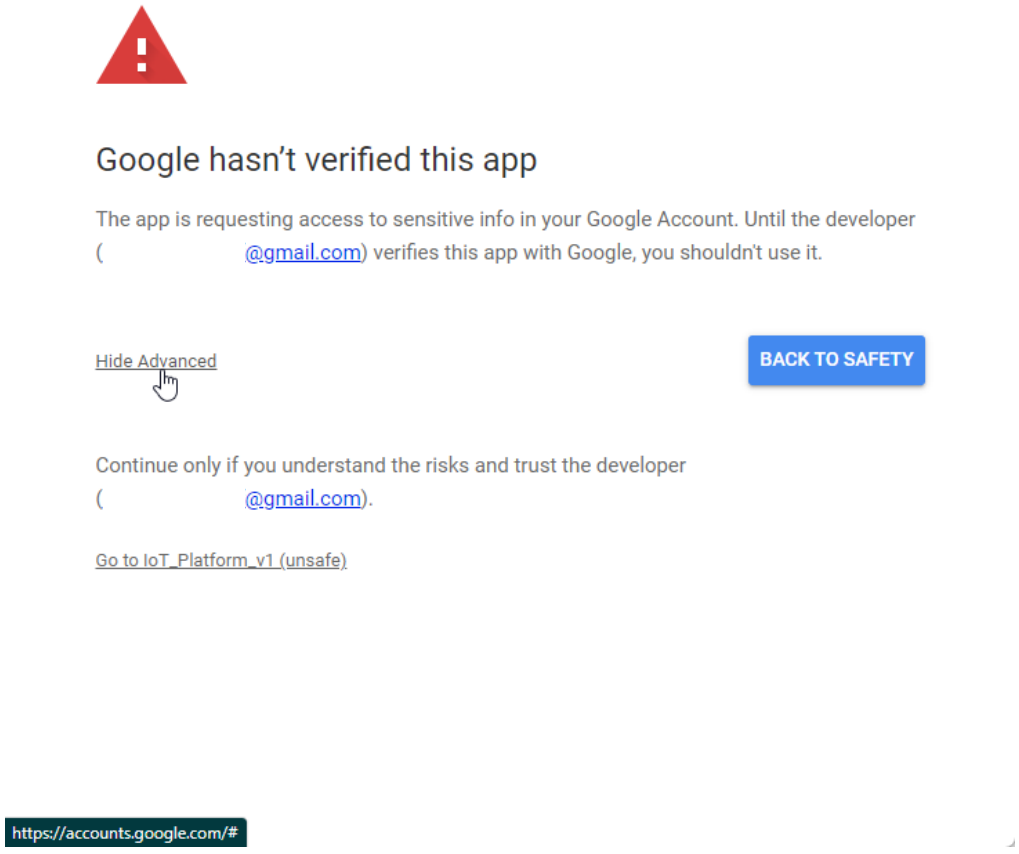


Step 6: Then you will be asked to “Authorize access”. When you press the icon, you will be asked to log in to your Google account again.

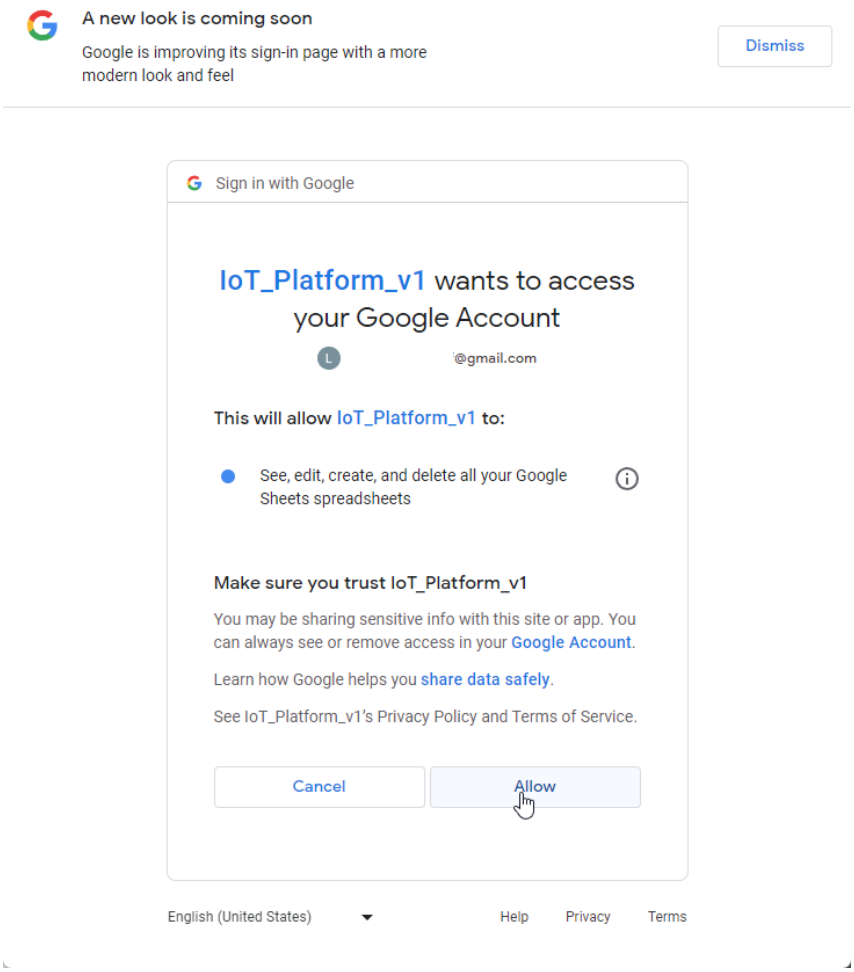




Step 7: The following dialog box will appear, warning you that since the app is not verified by Google, it might be unsafe. You must press “Advanced”, and then “Go to <Project_Name> (unsafe)”



Step 8: You will then need to give the app access to your Google Account, confirming by pressing “Allow”.



Step 9: Finally, you will be given with the Deployment ID, also known as Gas ID. Be sure to copy and save this, since it will be required to access the platform through an MCU or Python script.