# PriorTool – Admin Guide

This guide contains step-by-step instructions that will allow you to install, deploy and manage the Prioritising Tool.

Please observe the following caveats, should you wish to extend the use of the tool to third parties.

**Caveats**

* There is no provisioning for identity-management, or any method to retrieve a user identity.
* Any deployed instance of the tool using the methods described below is 100% public – and should therefore be treated as insecure.
* There is a very minimal set of error-handling routines that will not tolerate e.g. mistakes in the input Excel file.
* Technical factors relating to scaling are unknown – concurrent # users, band/rate limiting, uptime etc.

**Target Group**

This guide is for the person(s) who will host the PriorTool on their GitHub and provision the web version through their Streamlit account. There is no programming or software development experience required for the minimal Admin role.

**Prerequisites**

Mandatory

GitHub account

<https://github.com/signup>

Streamlit Community Cloud account

<https://docs.streamlit.io/deploy/streamlit-community-cloud/get-started/create-your-account>

Recommended (ONLY for handling code changes)

GitHub Desktop

<https://desktop.github.com/download/>

## Uploading the files to GitHub

This section will explain how to create a repository and populate it with the files required for the tool to run.

**Prerequisites**

An activated GitHub account and a web browser opened at your GitHub landing page.

**Process**

Follow this guide, giving your repository a sensible name.

<https://docs.github.com/en/get-started/start-your-journey/uploading-a-project-to-github>

The files to be uploaded can be found here:

<https://github.com/bencahill23/PriorTool>

You should now have a repository with the same file structure as Sharepoint. A top-level folder called “PriorTool” containing various files and subfolders called “assets” and “.streamlit”

## Connecting the Repository to Streamlit

This section will explain how to deploy your app from GitHub using the Streamlit Community Cloud Service.

**Prerequisites**

An activated Streamlit CC account, webpage open at the Streamlit CC landing page and the previous steps completed.

**Process**

Follow this guide.

<https://docs.streamlit.io/deploy/streamlit-community-cloud/deploy-your-app/deploy>

Add your Google API to secrets as follows:

GOOGLE\_API\_KEY = "Your API Key"

You should point to the file called, “pt\_demo\_excel.py” when entering the information in step 3, in the “Main file path” text box.

Your app should now launch in the browser. Copy the URL and use it to share.

## ~~Making a Permanent Version Without File Import~~

~~Once you have developed a flow you want to deploy, you may wish to hide the file-import widget and add the file so that it is loaded by default.~~

~~This section will explain how to do that.~~

**~~Prerequisites~~**

~~Finalised Excel file.~~

**~~Process~~**

~~Rename the excel file to exceldata.xlsx~~

~~Upload the file to the GitHub repository, in the /assets folder~~

~~Login to Streamlit Community Cloud~~

~~Make a new app and point to,~~ *~~pt\_demo\_deployment.py~~*

~~Add your secrets~~

~~Get the URL as before~~