Butchery Fundamentals

Demo Version of Butchery Application

Demo Version of Butchery Application Test Result

Demo Version of Butchery Application Logged Student

Project Overview and Upload Guide

In this documentation, we provide a guide regarding what you'll require for uploading the application to **Vercel.** This application is a static next JS site. The project files can be found at **Butchery Fundamentals**. For additional assistance, you can contact the following people

Project Owner: Daniel Stopnicki

Developer: Mas Tsukada

Table of Content

Required Skills, Items, and Experience for project setup and maintenance

- Experience with GitHub
- Experience with Node JS
- Experience with Web Application Frameworks such as
    - Angular
    - React
    - Next.js
- (Not necessary but would be a bonus) Experience with **Google Cloud Services**
- Requires an account with **GitHub**
- Requires a **Gmail** Account
- Requires a **Vercel** Account (can be created with GitHub account)

*** Recommended user for Setup and maintenance is an IT professional** *

Pre-Upload steps

In this section, we will cover the initial steps needed prior to uploading the project to **VERCEL.** Here are the following topics that will be covered in this section

- How to create a project on Google Cloud services
- How to create a Google service account for API Google sheet calls

These steps can also be found under the ***updating the Google Sheets service call*** *on GitHub*

Prior to doing these steps create a copy of these Google Sheets as the information regarding the results of tests and logged in users will be stored here

Login template Sheet	next-butchery-login-templ...
Results template sheet	template-butchery-excel

1. Initial Setup

1. Fork the GitHub project to your Account

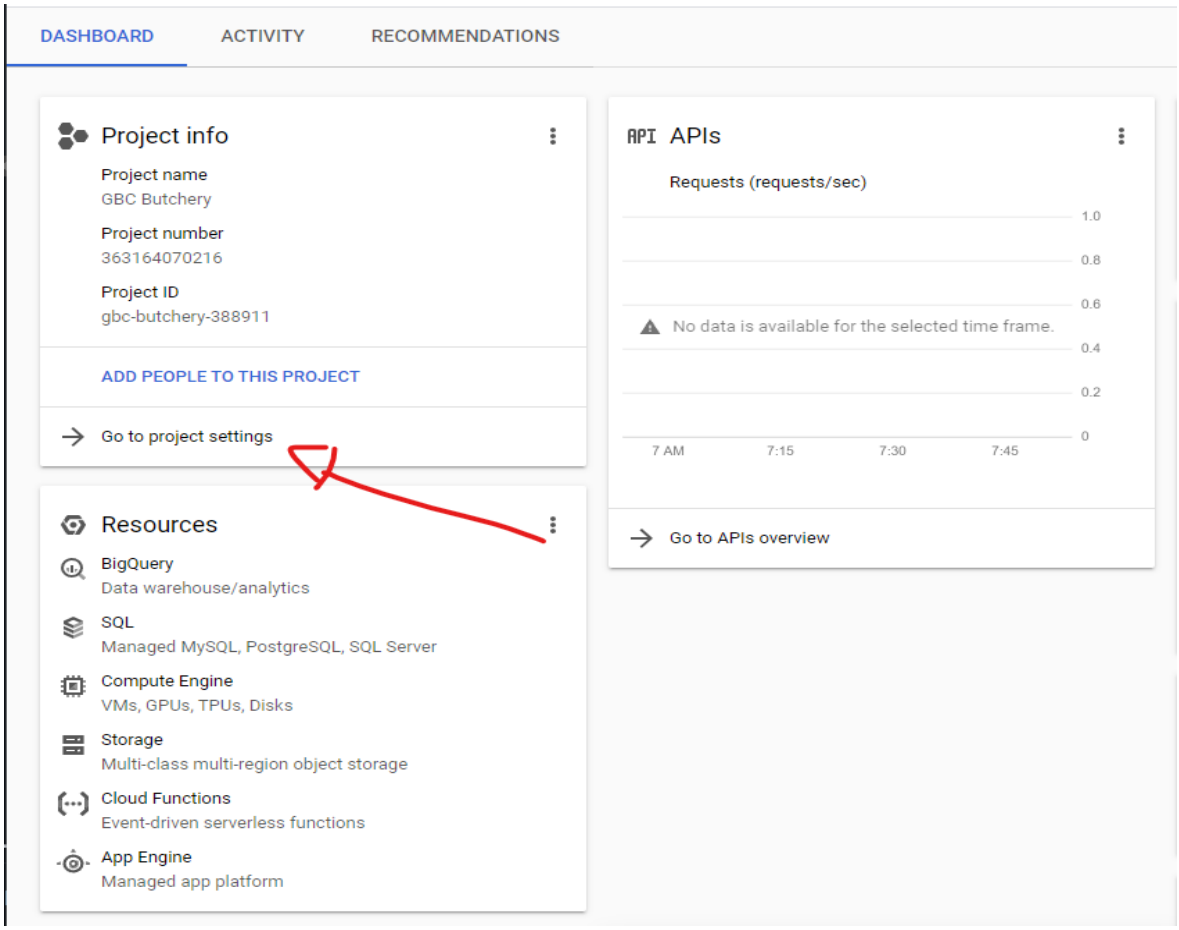
2. How to create a project on Google Cloud services

1. Go to Google cloud services

2. In the top left corner where it says ***Select a project*** press and select ***New Project*** in the new window

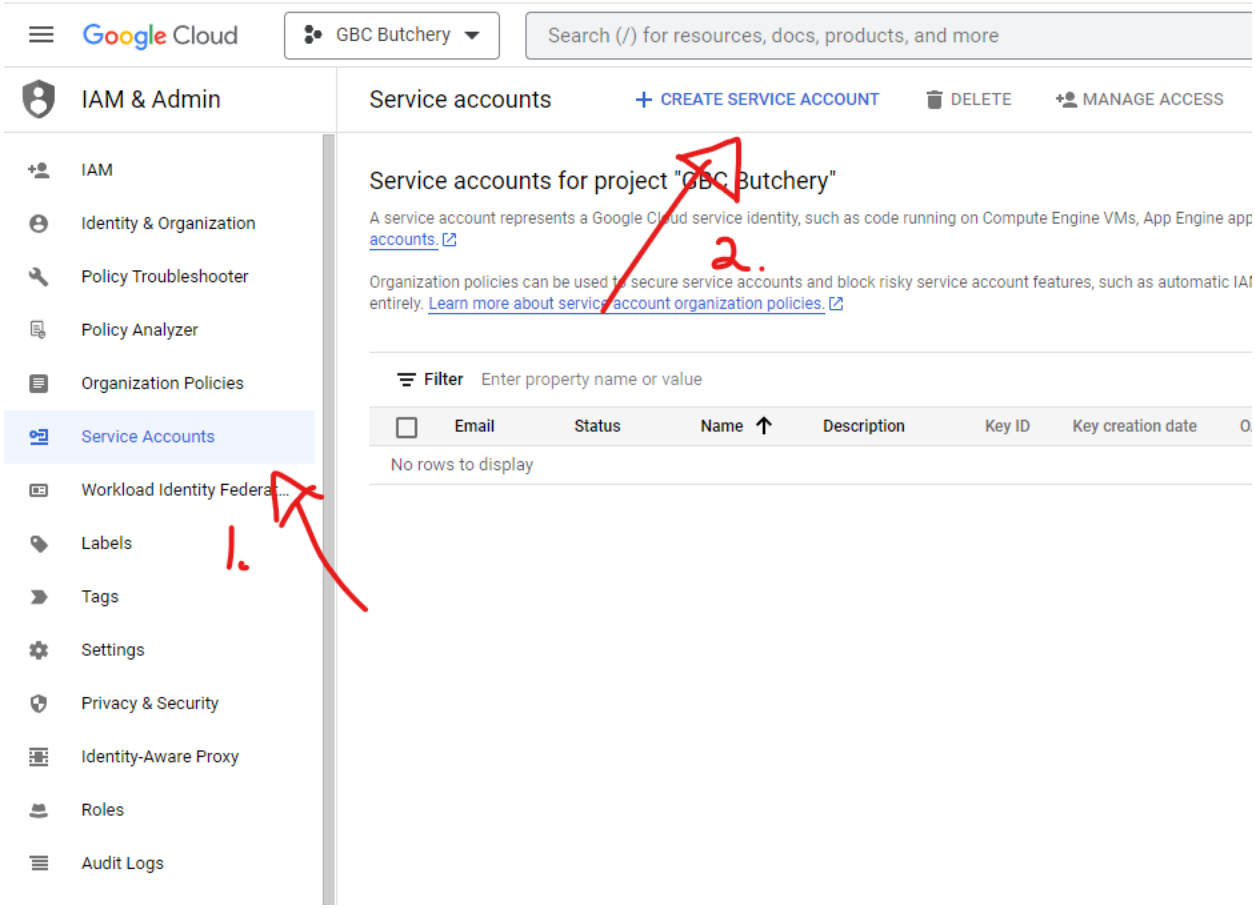
3. After naming the project press the ***Create*** button
    - once pressed a process will start where it creates the portal platform for the project (press the ***go to dashboard*** once the process is finished)

4. In the top left inside of the dashboard section press the ***Go to Project settings*** button

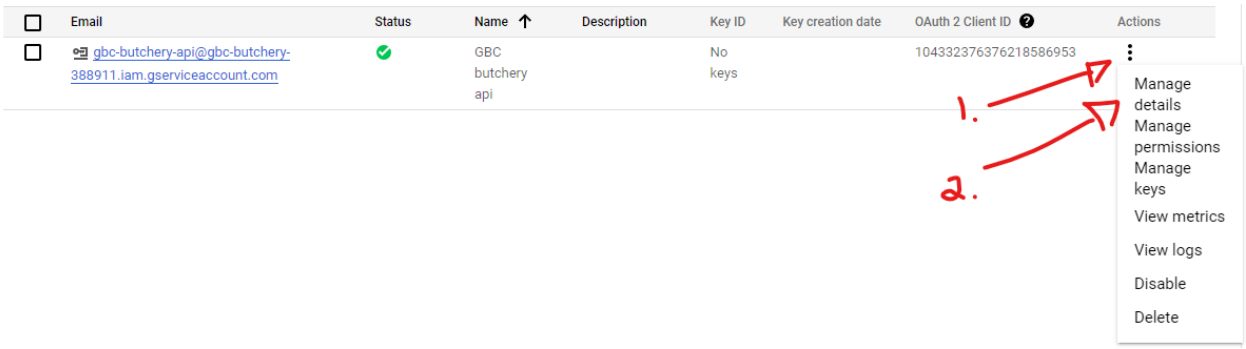


3. How to create a Google service account for API Google sheet calls

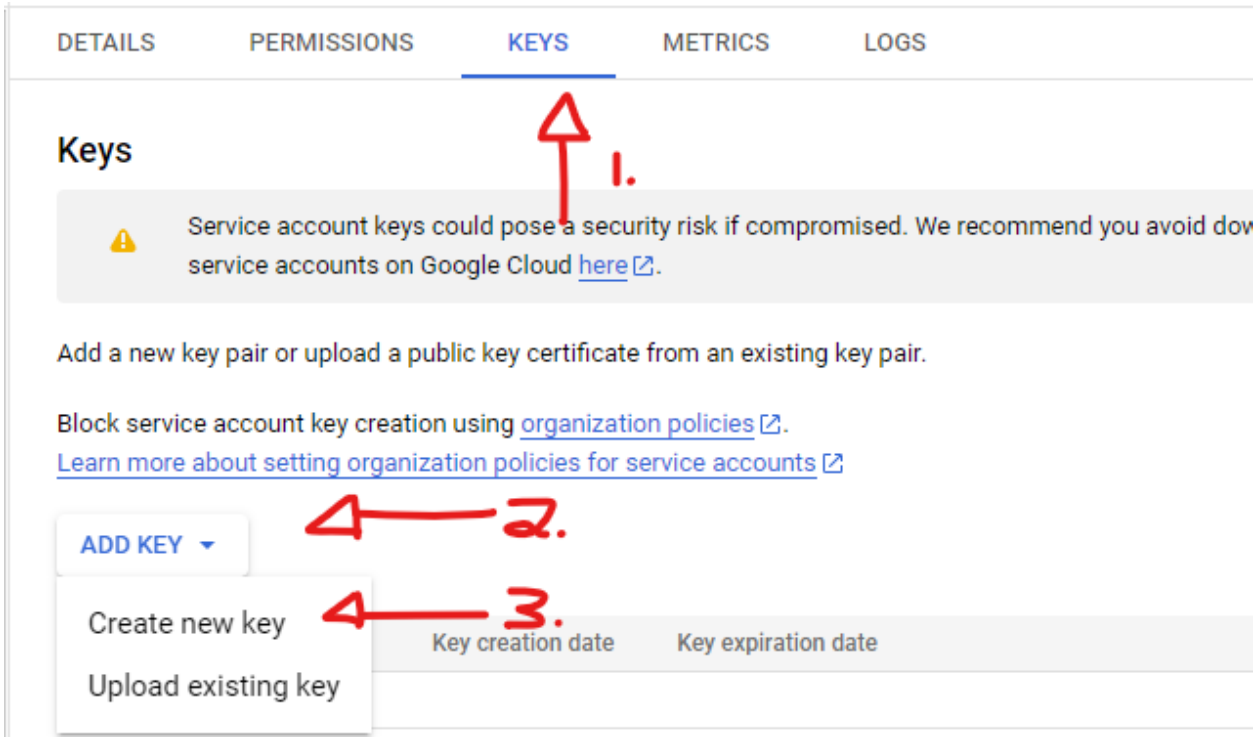
1. Once inside the project setting section ***press Service Accounts -> CREATE SERVICE ACCOUNT (on top bar)***



2. Name the service account name whatever you'd like and ***press done***
   Once the account has been created press the ***Actions*** button and then ***Manage Details***



3. In this new screen press ***Keys*** and ***Add key -> Create new key***



4. Select the ***JSON*** option in the window that pops up and press ***create*** doing this step will then save a .JSON file to your computer

(do not destroy the .json file as we will be needing it for future steps)

5. Open this .JSON file with some text editor of your choice and copy the value that is associated with the key ***client_email***

EXAMPLE:

"client_email": gbc-butchery-api@gbc-butchery-388911.iam.gserviceaccount.com",

KEY	VALUE
"client_email":	gbc-butchery-api@gbc-butchery-388911.iam.gserviceaccount.com",

6. In the google sheets that you made a copy of earlier in the steps press the ***share*** the button and paste the email that you copied from the previous step

Example	(https://github.com/DDSkunkworks/ButcheryFundamentals/blob/main/readmeassets/sharegmail.gif)

7. Enable the use of the google sheets api to allow the email write access to the sheets

UPLOADING TO VERCEL

In this section, we will cover the initial steps on how to upload the project to Vercel

Please note that the steps from the pre-upload need to be completed before moving on to this step

1. Fork this project into a GitHub account that will be associated with Vercel
2. Go to Vercel and log in or signup

   (it is recommended to select the GitHub option, use the GitHub account from step 1 of Uploading to Vercel)
3. once on the dashboard press the ***add new*** button in the top right-hand corner
4. select the ***project*** option
5. Press the dropdown option of ***select a Git Namespace*** and select ***Add GitHub account***
   - a pop will appear and ask which account you'd like Vercel to connect too
     - select the option where you forked this project too
6. once on the "almost done" page press the ***Environment Variables*** section
7. Copy the id of both google sheets from the url and paste the values onto vercel as values to the same variable in **Enviroment Variables table**

EXAMPLE:

https://docs.google.com/spreadsheets/d/11SijW8y4XHpFQGwHfL4sOjC9yIZ1slH5cKcrUBWIvWg/edit#gid=0

id :	11SijW8y4XHpFQGwHfL4sOjC9yIZ1slH5cKcrUBWIvWg

Enviroment Variables table

using Base code 64 copy all of the contents from that .json file (**How to create a Google service account for API Google sheet calls -> step 4**) and paste them into the encoder section of the web application, once pasted press the encode button and save the results to the **GOOGLE_SERVICE_KEY ENVIRONMENT VARIABLE VALUE**

Environment variable name	value
SECRET_COOKIE_PASSWORD	GjB7TFTxBdxv6vYhZrHAQABAoGAX58GJHTSpfmr0ubZ6m
GOOGLE_COMPLETE_SHEET	ID FROM RESULTS GOOGLE_SHEET
GOOGLE_LOGIN_SHEET	ID FROM LOGIN GOOGLE_SHEET
GOOGLE_SERVICE_KEY	Base 64 ENCODED STRING

DO NOT CHANGE THE SECRET_COOKIE_PASSWORD

The Environment variable's names on Vercel should be the exact same as the ones in the table