

# 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](#)

Lead Developer: [Ryan Hayes](#)

# Table of Content

<a href="#">Project Overview and Upload Guide</a>	<a href="#">0</a>
<a href="#">Table of Content</a>	<a href="#">1</a>
<a href="#">Required Skills, Items, and Experience for project setup and maintenance</a>	<a href="#">2</a>
<a href="#">Pre-Upload steps</a>	<a href="#">3</a>
<a href="#">1. Initial Setup</a>	<a href="#">3</a>
<a href="#">2. How to create a project on Google Cloud services</a>	<a href="#">3</a>
<a href="#">3. How to create a Google service account for API Google sheet calls</a>	<a href="#">5</a>
<a href="#">UPLOADING TO VERCEL</a>	<a href="#">8</a>
<a href="#">Enviroment Variables table</a>	<a href="#">9</a>

# 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

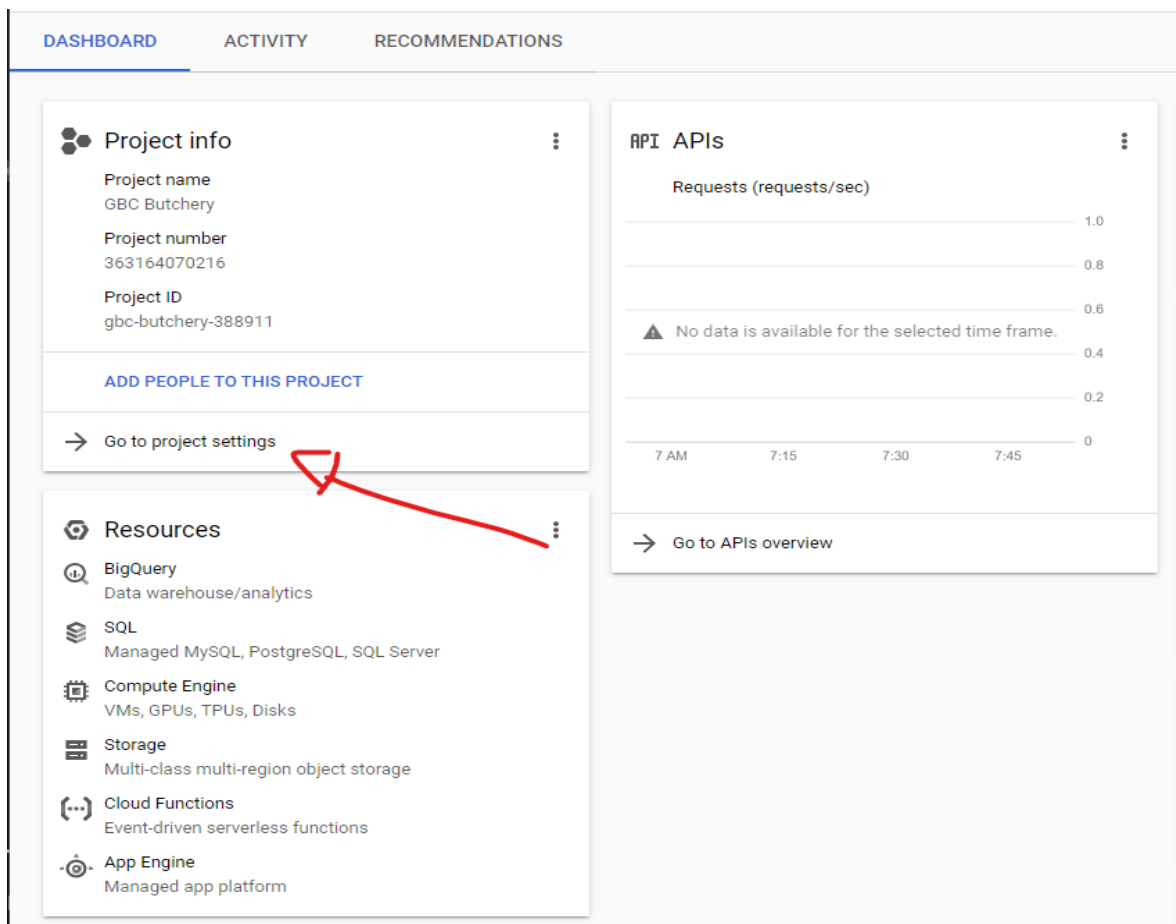
## 1. Initial Setup

1. Fork the [GitHub project](#) to your Account

## 2. How to create a project on Google Cloud services

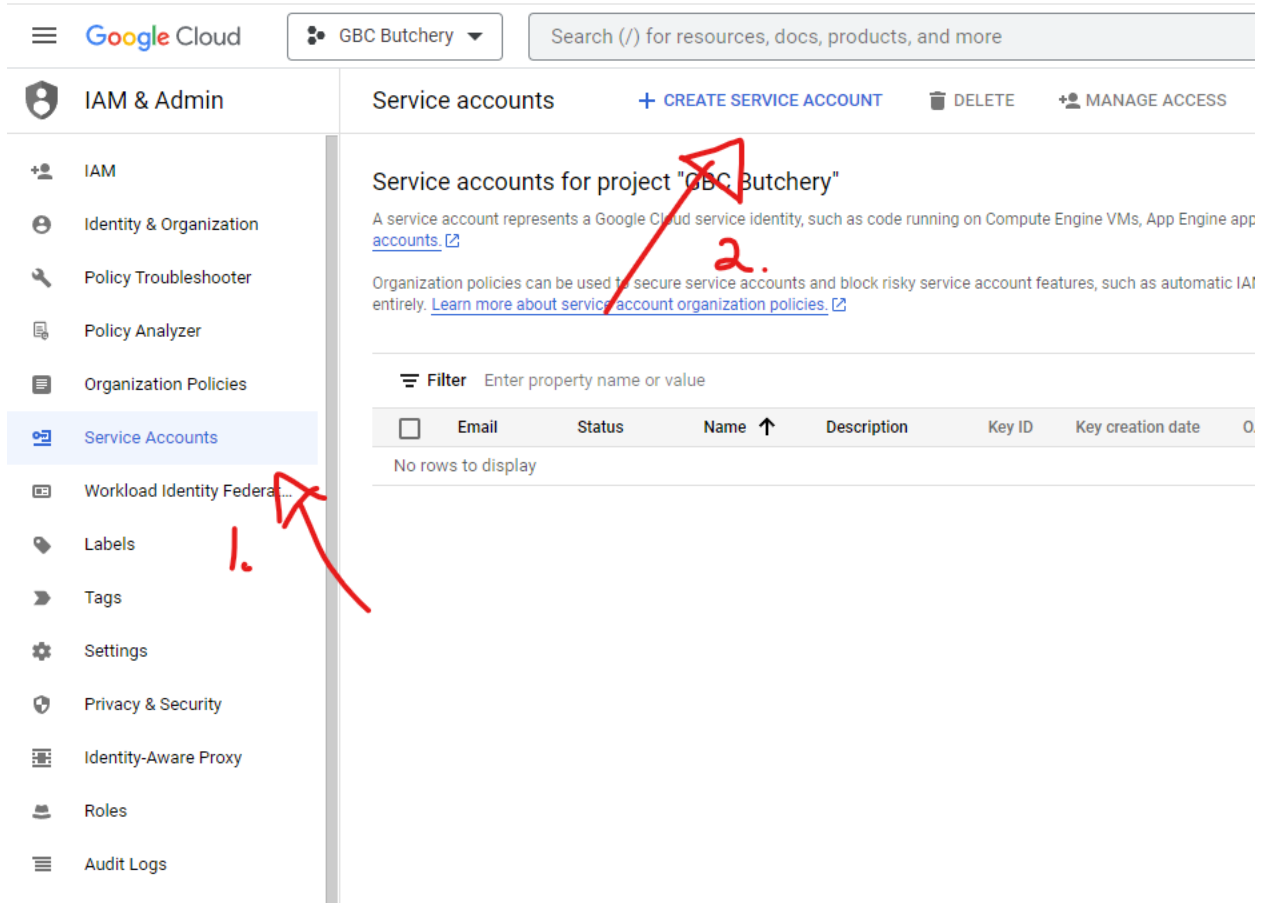
1. Go to Google cloud services

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**

<input type="checkbox"/>	Email	Status	Name ↑	Description	Key ID	Key creation date	OAuth 2 Client ID ?	Actions
<input type="checkbox"/>	<a href="mailto:gbc-butcher-api@gbc-butcher-388911.iam.gserviceaccount.com">gbc-butcher-api@gbc-butcher-388911.iam.gserviceaccount.com</a>	✓	GBC butcher api		No keys		104332376376218586953	<div> 1. 2. <ul style="list-style-type: none"> <li>Manage details</li> <li>Manage permissions</li> <li>Manage keys</li> <li>View metrics</li> <li>View logs</li> <li>Disable</li> <li>Delete</li> </ul> </div>

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

DETAILS
PERMISSIONS
**KEYS**
METRICS
LOGS

### Keys

Service account keys could pose a security risk if compromised. We recommend you avoid down service accounts on Google Cloud [here](#).

Add a new key pair or upload a public key certificate from an existing key pair.

Block service account key creation using [organization policies](#).

[Learn more about setting organization policies for service accounts](#)

ADD KEY ▾

Create new key
Upload existing key

Key creation date

Key expiration date

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	( <a href="https://github.com/DDSkunkworks/ButcheryFundamentals/blob/main/readmeassets/sharegmail.gif">https://github.com/DDSkunkworks/ButcheryFundamentals/blob/main/readmeassets/sharegmail.gif</a> )
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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 **Environment Variables table**

EXAMPLE:

https://docs.google.com/spreadsheets/d/11SijW8y4XHpFQGwHfL4sOjC9yIZ1slH5cKcrUBWlvWg/edit#gid=0

id :	11SijW8y4XHpFQGwHfL4sOjC9yIZ1slH5cKcrUBWlvWg
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## 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	GjB7TFTxBdxv6vYhZrHAQABAAoGAX58GJHTSpfmr0ubZ6m
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***