**Creating and managing projects**

Google Cloud projects form the basis for creating, enabling, and using all Google Cloud services including managing APIs, enabling billing, adding and removing collaborators, and managing permissions for Google Cloud resources.

This page explains how to create and manage Google Cloud projects using the Resource Manager API and the Google Cloud console.

**Before you begin**

The following are used to identify your project:

* **Project name**: A human-readable name for your project. Use your course prefix and number and initials. i.e. CIS305-*KC*

The project name isn't used by any Google APIs. You can edit the project name at any time during or after project creation. Project names do not need to be unique.

* **Project ID**: A globally unique identifier for your project.

A project ID is a unique string used to differentiate your project from all others in Google Cloud. After you enter a project name, the Google Cloud console generates a unique project ID that can be a combination of letters, numbers, and hyphens. We recommend you use the generated project ID, but you can edit it during project creation. After the project has been created, the project ID is permanent.

A project ID has the following requirements:

* + Must be 6 to 30 characters in length.
  + Can only contain lowercase letters, numbers, and hyphens.
  + Must start with a letter.
  + Cannot end with a hyphen.
  + Cannot be in use or previously used; this includes deleted projects.
  + Cannot contain restricted strings, such as google, null, undefined, and ssl.
* **Project number**: An automatically generated unique identifier for your project.

Don't include sensitive information such as personally identifiable information (PII) or security data in your project name, project ID, or other resource names. The project ID is used in the name of many other Google Cloud resources, and any reference to the project or related resources exposes the project ID and resource name.

Full document Link: [https://cloud.google.com/resource-manager/docs/creating-managing-projectsLinks to an external site.](https://cloud.google.com/resource-manager/docs/creating-managing-projects)

**To create a new project, do the following:**

1. Go to the **Manage resources** page in the Google Cloud console.

[Go to Manage ResourcesLinks to an external site.](https://console.cloud.google.com/cloud-resource-manager?walkthrough_id=resource-manager--create-project&start_index=1&_ga=2.149557556.30399350.1696026294-211973351.1696026294#step_index=1)

The remaining steps will appear automatically in the Google Cloud console.

1. On the **Select organization** drop-down list at the top of the page, select the organization resource in which you want to create a project. If you are a free trial user, skip this step, as this list does not appear.
2. Click **Create Project**.
3. In the **New Project** window that appears, enter a project name and select a billing account as applicable. A project name can contain only letters, numbers, single quotes, hyphens, spaces, or exclamation points, and must be between 4 and 30 characters.
4. Enter the parent organization or folder resource in the **Location** box. That resource will be the hierarchical parent of the new project. If **No organization** is an option, you can select it to create your new project as the top level of its own resource hierarchy.
5. When you're finished entering new project details, click **Create**.

**Deliverable:**

Once you have completed the creation of the project in your Google Cloud account take a screenshot of the Project info section of your DASHBOARD and submit it here.