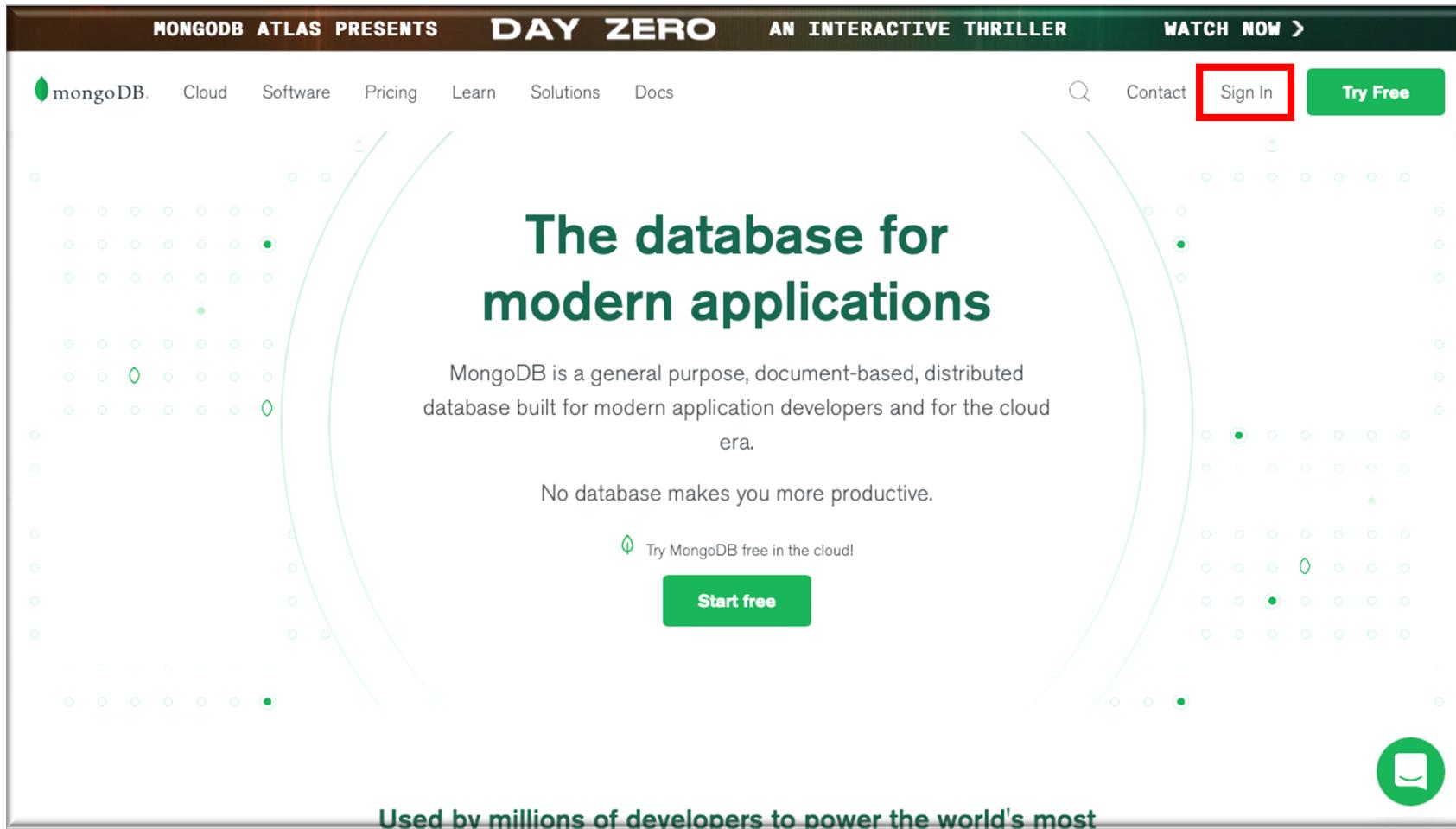


# Talkaway

MongoDB and Google OAUTH Setup

# **Part 1 – MongoDB Setup**

Access mongodb's website at <https://www.mongodb.com>, and sign in



After login, make a new project and cluster. First to create the project the “New Project” button. If you already make a project and cluster, skip [here](#).

The screenshot shows the MongoDB Atlas dashboard for Telkom Indonesia. On the left, there's a sidebar with links for Organization (Projects, Alerts 0, Activity Feed, Settings, Access Manager, Billing, Support), TELKOM INDONESIA (Projects, Find a project... search bar), and a bottom link for Feature Requests. The main area is titled 'Projects' and contains tabs for Project Name, Clusters, Users, Teams, Alerts, and Actions. A prominent green 'New Project' button is located in the top right corner of the main area, which is highlighted with a red rectangular box.

System Status: All Good Last Login: 36.71.34.229  
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Feature Requests

All Clusters Hasimy ▾

ORGANIZATION TELKOM INDONESIA

Projects

Find a project...

Project Name Clusters Users Teams Alerts Actions

New Project

# Name your project, then continue to create with the prompted instructions.

The screenshot shows a user interface for creating a new project. At the top, there's a navigation bar with the Telkom Indonesia logo, Access Manager, Support, Billing, All Clusters, and Hasimy options. On the left, a sidebar titled 'ORGANIZATION' has 'Projects' selected, along with links for Alerts (0), Activity Feed, Settings, Access Manager, Billing, and Support. The main content area is titled 'TELKOM INDONESIA > PROJECTS' and 'Create a Project'. It features two tabs: 'Name Your Project' (selected) and 'Add Members'. A sub-section titled 'Name Your Project' contains the instruction 'Project names have to be unique within the organization (and other restrictions)' and a text input field with the value 'OAUTH-Test'. Below this are 'Cancel' and 'Next' buttons. At the bottom, there's a footer with 'System Status: All Good Last Login: 36.71.34.229', a copyright notice for 2020 MongoDB, Inc., and links for Status, Terms, Privacy, Atlas Blog, Contact Sales. There's also a 'Feature Requests' button with a green speech bubble icon. In the bottom right corner, there's a green circular icon with a white speech bubble symbol.

# Build a cluster if you haven't built one.

The screenshot shows the MongoDB Atlas interface. At the top, there's a navigation bar with 'Telkom Indonesia' (selected), 'Access Manager', 'Support', 'Billing', 'All Clusters', and 'Hasimy'. Below the navigation is a secondary navigation bar with 'OAUTH-Test', 'Atlas' (selected), 'Realm', 'Charts', and search/filter/bell icons. On the left, a sidebar has 'DATA STORAGE' with 'Clusters' (selected) and 'Triggers', 'Data Lake'; and 'SECURITY' with 'Database Access', 'Network Access', and 'Advanced'. The main content area is titled 'Clusters' under 'TELKOM INDONESIA > OAUTH-TEST'. It features a search bar 'Find a cluster...' and a large green 'Create a cluster' button with a plus sign icon, which is highlighted with a red border. Below the button, text says 'Choose your cloud provider, region, and specs.' and 'Once your cluster is up and running, live migrate an existing MongoDB database into Atlas with our [Live Migration Service](#)'. At the bottom, there are 'Feature Requests' and 'System Status: All Good'.

Once finished, go to Database Access in the Security tab

The screenshot shows the MongoDB Atlas interface. At the top, there are navigation links: Telkom Indonesia, Access Manager, Support, Billing, All Clusters, and Hasimy. Below the navigation is a header with sections for OAUTH-Test, Atlas (selected), Realm, and Charts, along with a plus icon, a search icon, and a bell icon.

The main area is titled "Clusters" and shows the "Sandbox" environment for the "OAUTH" cluster, Version 4.2.11. On the left, a sidebar has sections for DATA STORAGE (Clusters, Triggers, Data Lake) and SECURITY (Database Access, Network Access, Advanced). The "Database Access" link is highlighted with a red box. The right side displays metrics for Operations (R: 0 W: 0), Logical Size (0.0 B / 512.0 MB max), and Connections (0 / 500 max), all updated "Last 6 Hours". A green "Create a New Cluster" button is located at the top right of the cluster list. At the bottom, there's a "Feature Requests" section with a megaphone icon, a "System Status: All Good" message, and a copyright notice: "©2020 MongoDB, Inc. Status Terms Privacy Atlas Blog Contact Sales". A green "Upgrade" button is also present in the bottom right corner of the cluster card.

# Add new database user, and make sure to use password authentication

The screenshot shows the Apache Atlas interface for managing database users. The top navigation bar includes links for Telkom Indonesia, Access Manager, Support, Billing, All Clusters, and Hasimy. Below the navigation is a toolbar with icons for OAUTH-Test, Atlas (selected), Realm, Charts, and search/filter/bell notifications.

The left sidebar has sections for DATA STORAGE (Clusters, Triggers, Data Lake) and SECURITY (Database Access, Network Access, Advanced). The Database Access section is currently selected and highlighted in green.

The main content area displays the Database Access page for the OAUTH-TEST cluster. It features a large icon of a person with a plus sign, indicating where to click to add a new user. The text "Create a Database User" is centered, followed by the instruction: "Set up database users, permissions, and authentication credentials in order to connect to your clusters." A prominent green button labeled "Add New Database User" is located at the bottom of this section. Below it is a "Learn more" link. At the very bottom left, there is a "Feature Requests" link with a feedback icon. On the far right, there is a circular profile picture placeholder.

Then add network access, you can use your IP or whitelist all IPs. After this step, go back to Clusters

The screenshot shows the Apache Atlas interface for managing network access. The top navigation bar includes 'Telkom Indonesia', 'Access Manager', 'Support', 'Billing', 'All Clusters', and 'Hasimy'. Below the navigation is a dashboard with 'OAUTH-Test', 'Atlas' (which is selected and highlighted in green), 'Realm', and 'Charts'. On the left, there's a sidebar with 'DATA STORAGE' (Clusters, Triggers, Data Lake) and 'SECURITY' (Database Access, Network Access, Advanced). The 'Network Access' section is highlighted with a red box. The main content area is titled 'Network Access' and has tabs for 'IP Access List' (selected), 'Peering', and 'Private Endpoint'. A large green button labeled 'Add IP Address' is centered, with a placeholder icon above it. Below the button, the text reads 'Add an IP address' and 'Configure which IP addresses can access your cluster.' A 'Learn more' link is also present. At the bottom, there are links for 'Feature Requests' and 'System Status: All Good', along with a circular icon.

# Click connect, then click on “Connect your application”

The screenshot shows the MongoDB Atlas Cluster Overview page for a 'Sandbox' cluster named 'OAUTH'. The left sidebar includes sections for DATA STORAGE (Clusters, Triggers, Data Lake) and SECURITY (Database Access, Network Access, Advanced). The main content area displays cluster details: 'Sandbox' (OAUTH, Version 4.2.11), 'Cluster Tier' (M0 Sandbox (General)), 'Region' (AWS / Singapore (ap-southeast-1)), 'Type' (Replica Set - 3 nodes), and 'Linked Realm App' (None Linked). Key metrics shown are 'Operations R: 0 W: 0' (100.0/s), 'Logical Size 0.0 B' (512.0 MB max), and 'Connections 0' (500 max). A green 'CONNECT' button is highlighted with a red box. A call-to-action 'Enhance Your Experience' with an 'Upgrade' button is also present.

System Status: All Good

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Once here, follow the prompted instructions.

The screenshot shows the MongoDB Atlas interface with a modal window titled "Connect to OAUTH". The modal is divided into two main sections: "Setup connection security" and "Choose a connection method".

**Setup connection security:** This section is completed with a green checkmark. It includes a "Connect" button and a "Select your driver and version" step, which is also completed with a green checkmark.

**Choose a connection method:** This section includes a "DRIVER" dropdown set to "Node.js" and a "VERSION" dropdown set to "3.6 or later".

**Step 2: Add your connection string into your application code:** This step is incomplete, indicated by a grey circle icon. It contains an unchecked checkbox for "Include full driver code example" and a text input field containing the connection string:

```
mongodb+srv://hasimy-as:<password>@oauth.kugyr.mongodb.net/<dbname>?retryWrites
```

A "Copy" button is available next to the connection string.

**Instructions:** Replace <password> with the password for the **hasimy-as** user. Replace <dbname> with the name of the database that connections will use by default. Ensure any option params are [URL encoded](#).

**Troubleshooting:** If having trouble connecting, [View our troubleshooting documentation](#).

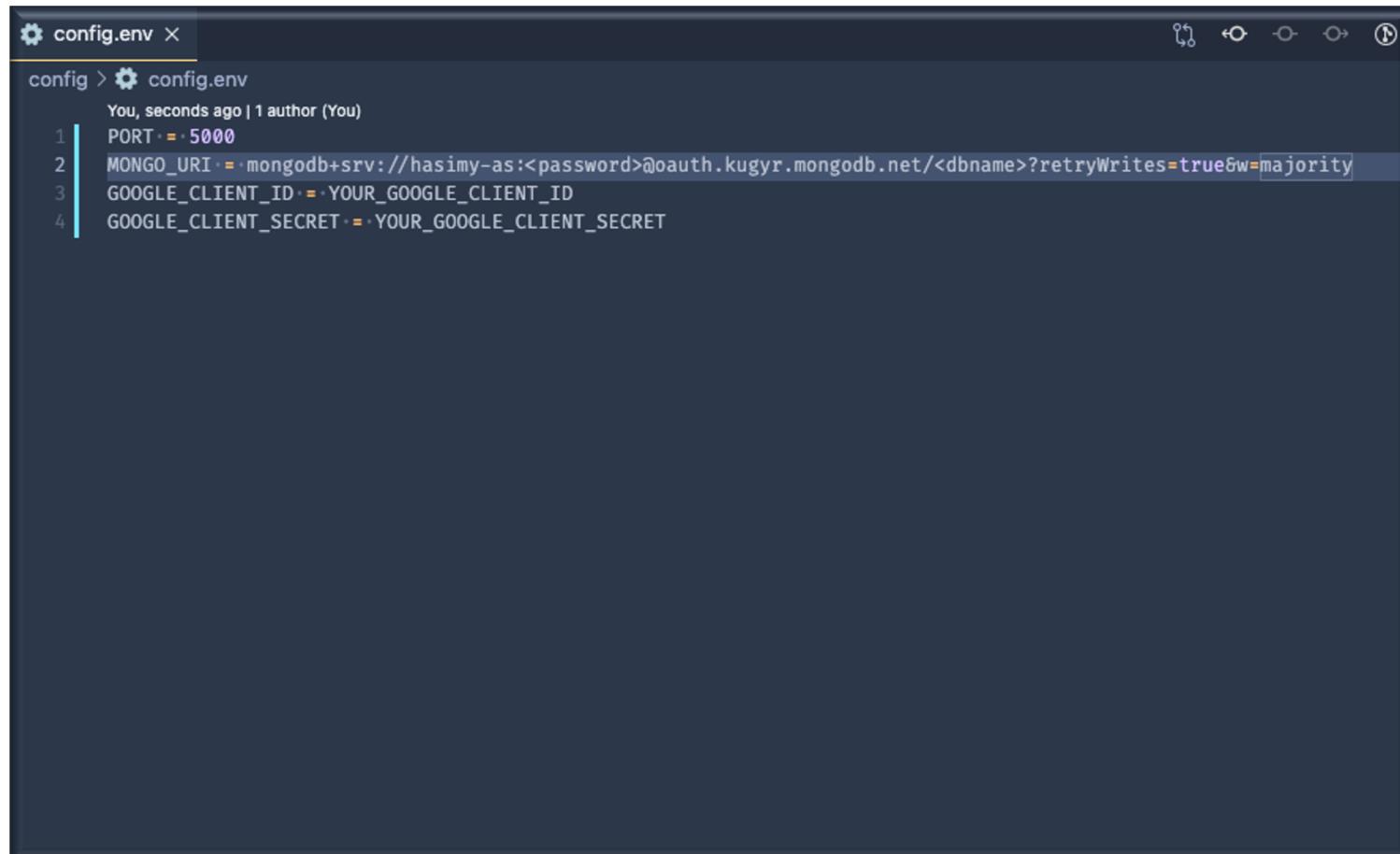
**Buttons:** "Go Back", "Close", and "Create a New Cluster" (button on the right side of the modal).

**System Status:** All Good

**Page Footer:** Feature Requests, ©2020 MongoDB, Inc., Status, Terms, Privacy, Atlas Blog, Contact Sales.

Go back to the config.env, and paste the MongoDB connection string to MONGO\_URI

Don't forget to change the password and the database name



The screenshot shows a terminal window with a dark blue background and white text. The title bar says "config.env X". The window contains a file named "config" with the following content:

```
config > config.env
You, seconds ago | 1 author (You)
PORT = 5000
MONGO_URI = mongodb+srv://hasimy-as:<password>@oauth.kugyr.mongodb.net/<dbname>?retryWrites=true&w=majority
GOOGLE_CLIENT_ID = YOUR_GOOGLE_CLIENT_ID
GOOGLE_CLIENT_SECRET = YOUR_GOOGLE_CLIENT_SECRET
```

The "MONGO\_URI" line is highlighted with a blue selection bar.

# **Part 2 – Google OAUTH Setup**

Access <https://console.cloud.google.com>, and sign in if you haven't

The screenshot shows the Google Cloud Platform dashboard. On the left, there's a sidebar with various project management and developer tools. The main dashboard area has three tabs: DASHBOARD (which is selected), ACTIVITY, and RECOMMENDATIONS. The DASHBOARD section includes a COVID-19 update, resource status (no resources), trace data (no data from past 7 days), and a getting started section for APIs. To the right, there are three cards: Google Cloud Platform status (All services normal), Monitoring (with links to set up alerting policies and create uptime checks), and Error Reporting (no errors found). A search bar at the top is set to "Search products and resources".

Google Cloud Platform dev-oauth Search products and resources

Home Marketplace Billing APIs & Services Support Getting started Admin Compliance Anthos IDENTITY & SECURITY Identity Access Security COMPUTE App Engine

DASHBOARD ACTIVITY RECOMMENDATIONS CUSTOMIZE

How Google Cloud is helping during COVID-19. [Learn more](#) DISMISS

Resources This project has no resources

Trace No trace data from the past 7 days

Get started with Trace

Getting Started

Explore and enable APIs Deploy a prebuilt solution Add dynamic logging to a running application Monitor errors with Error Reporting Deploy a Hello World app

API APIs Requests (requests/sec)

No data is available for the selected time frame.

1 PM 1:30

Go to APIs overview

Google Cloud Platform status All services normal Go to Cloud status dashboard

Monitoring Set up alerting policies Create uptime checks View all dashboards Go to Monitoring

Error Reporting No sign of any errors. Have you set up Error Reporting?

# After signing in, you can make a project.

The screenshot shows the Google Cloud Platform 'New Project' creation interface. At the top, there's a blue header bar with the 'Google Cloud Platform' logo, a search bar, and various navigation icons. Below the header, the title 'New Project' is displayed. A warning message indicates that the user has 21 projects remaining in their quota and provides links to request an increase or delete projects. There's also a 'MANAGE QUOTAS' button. The main form fields include 'Project name \*' (set to 'oauth-project-01'), 'Project ID' (set to 'oauth-project-01', noted as non-changeable), 'Location \*' (set to 'No organization'), and a 'CREATE' button. A 'CANCEL' button is also present.

New Project

⚠ You have 21 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*

oauth-project-01

Project ID: oauth-project-01. It cannot be changed later. [EDIT](#)

Location \*

No organization

BROWSE

Parent organization or folder

**CREATE**   **CANCEL**

# Once created, go to Apis & Services, Dashboard.

The screenshot shows the Google Cloud Platform dashboard. On the left, there's a sidebar with various menu items. The 'APIs & Services' item is highlighted with a red box. The main dashboard area has tabs for 'DASHBOARD', 'ACTIVITY', and 'RECOMMENDATIONS'. A notification bubble is visible in the top right corner, indicating a new project creation. The 'DASHBOARD' section includes sections for 'Resources' (showing no resources), 'Trace' (showing no data from the past 7 days), 'Getting Started' (with links to API exploration, deployment solutions, dynamic logging, error reporting, and app deployment), and 'API APIs' (showing request rates over time). The 'ACTIVITY' tab shows a recent notification about creating a project. The 'RECOMMENDATIONS' tab is currently empty.

First be sure to enable Google+ API by clicking on Enable APIs and Services. If already enabled, skip this step [here](#).

The screenshot shows the Google Cloud Platform APIs & Services dashboard. At the top, there's a navigation bar with the Google Cloud Platform logo, a dropdown for 'dev-oauth', a search bar labeled 'Search products and resources', and various icons for notifications and account management. Below the navigation bar, the main header has tabs for 'APIs & Services' and 'APIs & Services'. A prominent red box highlights the '+ ENABLE APIs AND SERVICES' button, which is located in the center of the header above the main content area. The main content area contains several sections: 'Dashboard' (with links to 'Library', 'Credentials', 'OAuth consent screen', 'Domain verification', and 'Page usage agreements'), 'Traffic' (showing 0.001/s), 'Errors' (showing 120%), 'Median latency' (showing 1.0), and a note stating 'No data is available for the selected time frame.' The dashboard also features date ranges from Dec 06 to Dec 27 and time intervals from 1 hour to 30 days.

# Click on Google+ API

Google Cloud Platform dev-oauth

API Library



**Google+ API**  
Google

The Google+ API enables developers to build on top of the Google+ platform.



**Blogger API v3**  
Google

The Blogger API provides access to posts, comments and pages of a Blogger blog.



**Google+ Domains API**  
Google

The Google+ Domains API enables developers to build on top of the Google+ platform for Google



**Google People API**  
Google

Provides access to information about profiles and contacts.

**Advertising**

[VIEW ALL \(14\)](#)



**AdSense Management API**  
Google

The AdSense Management API allows publishers to access their inventory and run earnings and...



**Campaign Manager 360 API**  
Google

Manage your Campaign Manager 360 ad campaigns and reports



**Ad Exchange Seller API**  
Google

Programmatically access Ad Exchange publisher inventory.



**Ad Exchange Buyer API II**  
Google

Build applications that interact directly with the DoubleClick Ad Exchange platform.

**Mobile**

[VIEW ALL \(12\)](#)



**Google Play Game Services**



**Google Play Android Developer**



**Fitness API**



**Google Play Custom App**

Once enabled, click on Manage.

The screenshot shows the Google Cloud Platform API library interface. At the top, there's a blue header bar with the "Google Cloud Platform" logo and a dropdown menu for "dev-oauth". To the right of the header are several icons: a magnifying glass for search, a folder, a document, a question mark, a bell, and a vertical ellipsis. A user profile picture is also in the top right corner.

The main content area has a white background. On the left, there's a red circular icon with a white "G+" logo. Next to it, the text "Google+ API" is displayed, followed by "Google". Below this, a short description reads: "The Google+ API enables developers to build on top of the Google+ platform."

In the center, there's a blue button labeled "MANAGE" with a white checkmark icon and the text "API Enabled" next to it. Below this button is a dark grey button with the text "Click to manage this API".

At the bottom of this central section, there are two tabs: "OVERVIEW" (which is underlined in blue) and "DOCUMENTATION".

On the left side of the main content area, there's a section titled "Overview" which contains a brief description of the Google+ API. Below this is another section titled "About Google" with a paragraph about Google's mission and products.

On the right side of the main content area, there's a section titled "Additional details" with the following information:

- Type: [APIs & services](#)
- Last updated: 12/10/19
- Category: [Social](#)
- Service name: [plus.googleapis.com](#)

# Go to Credentials.

The screenshot shows the Google Cloud Platform interface for managing APIs. The top navigation bar includes the 'Google Cloud Platform' logo, a project selector ('dev-oauth'), a search bar ('Search products and resources'), and various status icons. The main left sidebar lists 'APIs & Services' under 'Google+', with sections for 'Overview', 'Metrics', 'Quotas', and 'Credentials'. The 'Credentials' section is currently selected. The main content area displays the 'Google+ API' details, including its name, provider, service name, overview, activation status, and a link to tutorials and documentation.

Google Cloud Platform dev-oauth Search products and resources

APIs & Services  
Google+ API

Overview    DISABLE API

Overview Metrics Quotas Credentials

Details

Name: Google+ API  
By: Google  
Service name: plus.googleapis.com  
Overview: The Google+ API enables developers to build on top of the Google+ platform.  
Activation status: Enabled

Tutorials and documentation

Learn more

# Click on visit Credentials in APIs & Services.

The screenshot shows the Google Cloud Platform interface for managing credentials for the Google+ API. The left sidebar lists 'Overview', 'Metrics', 'Quotas', and 'Credentials' (which is currently selected). The main area is titled 'Credentials compatible with this API' and contains a message: 'To view all credentials or create new credentials visit [Credentials in APIs & Services](#)'. The 'Credentials in APIs & Services' link is highlighted with a red box.

Once on Credentials, click on Create Credentials, OAUTH Client ID.

The screenshot shows the Google Cloud Platform (GCP) interface for managing credentials. The top navigation bar includes the GCP logo, project name "dev-oauth", a search bar, and various icons for notifications and user management. On the left, a sidebar under "APIs & Services" lists "Dashboard", "Library", "Credentials" (which is selected and highlighted in blue), "OAuth consent screen", "Domain verification", and "Page usage agreements". The main content area is titled "Credentials" and contains three sections: "API Keys", "OAuth 2.0 Client IDs", and "Service Accounts".

**API Keys**  
Create credentials to access your enabled APIs. [Learn more](#)

<input type="checkbox"/>	Name	Creation date	Restrictions	Key
No API keys to display				

**OAuth 2.0 Client IDs**

<input type="checkbox"/>	Name	Creation date	Type	Client ID	Actions
<input type="checkbox"/>	Web client 1	Jun 24, 2020	Web application	151849892537-5sjp...	<a href="#"></a> <a href="#"></a> <a href="#"></a>

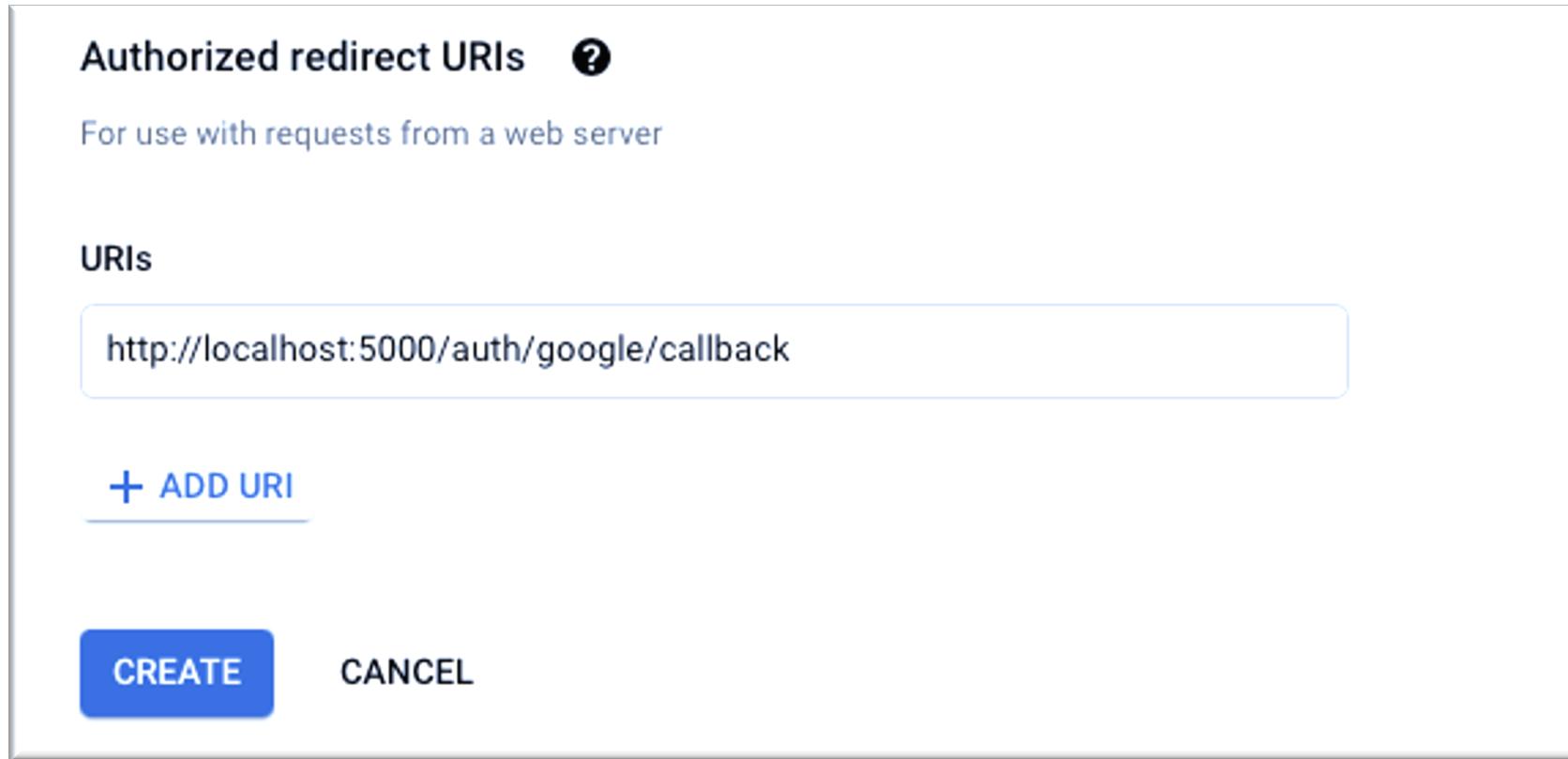
**Service Accounts** [Manage service accounts](#)

<input type="checkbox"/>	Email	Name
No service accounts to display		

# Set application type to web application.

The screenshot shows the Google Cloud Platform API & Services dashboard. The left sidebar lists options like Dashboard, Library, Credentials (which is selected), OAuth consent screen, Domain verification, and Page usage agreements. The main content area is titled "Create OAuth client ID". It includes a description of what a client ID is, a link to "Setting up OAuth 2.0", and a dropdown menu set to "Web application". Below that is a link to "Learn more about OAuth client types". A "Name" field is filled with "Web client". A note below the name field states: "The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users." A tooltip indicates that added URIs will be automatically added to the OAuth consent screen as authorized domains. There are sections for "Authorized JavaScript origins" (with a "+ ADD URI" button) and "Authorized redirect URIs" (with a "URIs" tab). The top navigation bar shows "Google Cloud Platform", a project dropdown, a search bar, and user profile icons.

Scroll to Authorized Redirect URIs, and set it to the example below. For the PORT in the example config.env is 5000. Then click create.



Once created, copy and paste the Client ID and Secret to the config.env. Example is on the next slide.

The screenshot shows the Google Cloud Platform API & Services Credentials page. The left sidebar lists various options: Dashboard, Library, Credentials (which is selected), OAuth consent screen, Domain verification, and Page usage agreements. The main area is titled 'Credentials' with buttons for '+ CREATE CREDENTIALS' and 'DELETE'. A sub-section titled 'API Keys' shows a message: 'Create credentials to access your enabled APIs. [Learn more](#)'. Below it, the 'OAuth 2.0' section is shown with three tabs: 'Name' (selected), 'Web client', and 'Service account'. Under 'Name', there is a note: 'No API keys to show'. A modal window titled 'OAuth client created' contains the following information:

- The client ID and secret can always be accessed from Credentials in APIs & Services.
- A note: 'OAuth is limited to 100 [sensitive scope logins](#) until the [OAuth consent screen](#) is verified. This may require a verification process that can take several days.'

The modal also displays the generated Client ID: `151849892537-avdhjd2667nee11fuk280tfg97lamr1f.apps.googleusercontent.com` and Client Secret: `V7H5RapT09jCBpnhugT76tq7`. At the bottom right of the modal is an 'OK' button. In the background, the main table shows two existing API keys: '37-avdh...' and '37-5sjp...', each with edit, delete, and download icons. A link 'Manage service accounts' is visible at the bottom right of the table area.

config > config.env

You, seconds ago | 1 author (You)

```
1 PORT = 5000
2 MONGO_URI = mongodb+srv://hasimy-as:MyPassword@oauth.kugyr.mongodb.net/storybooks?retryWrites=true&w=majority
3 GOOGLE_CLIENT_ID = 151849892537-avdhjd2667nee1lfuk280tfg97lamr1f.apps.googleusercontent.com
4 GOOGLE_CLIENT_SECRET = V7H5RapT09jCBpnhugT76tq7
```

You, seconds ago • Uncommitted changes

# Thank You!

If there's any issues, you can [email me](#).

Or for more contact, see my website [here](#).