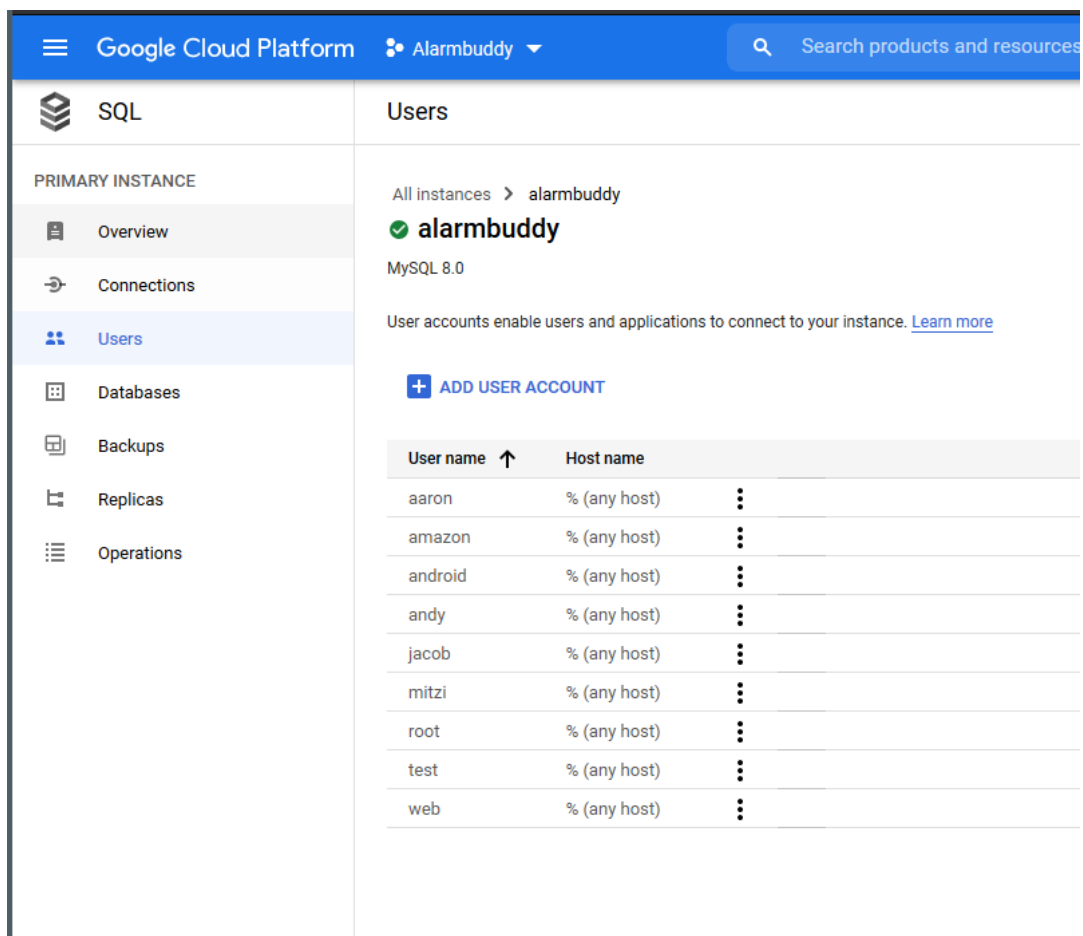


Database Table Configuration and setup

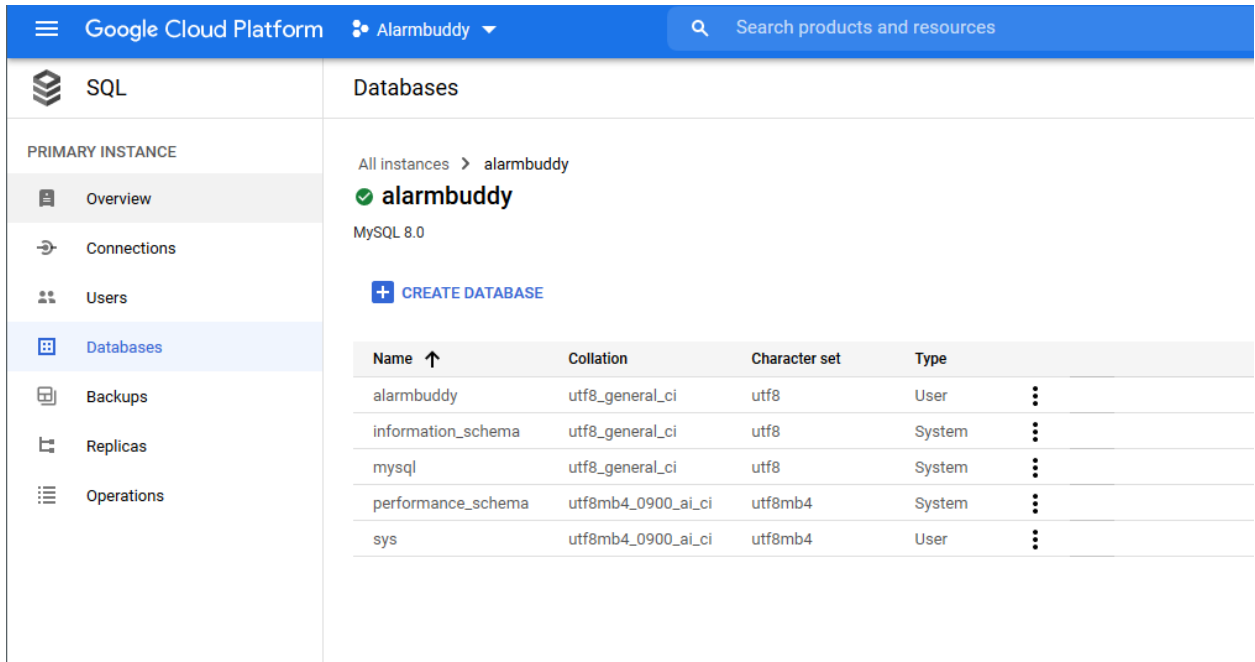
You will need to use a tool like HeidiSQL or MySQL Workbench. Personally, I prefer HeidiSQL so this guide will be referencing it from there.

1. You will need to have your database configured and open to the internet. You also will need to have your IP authorized and have an account setup. Also, you should have created a database inside the cloud database manager.

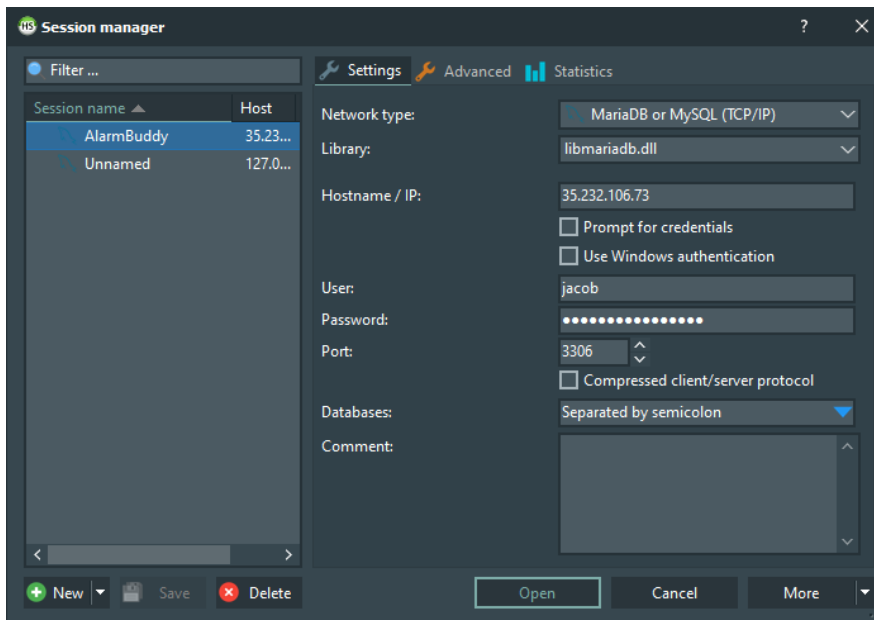


The screenshot shows the Google Cloud Platform console interface. The top navigation bar includes the Google Cloud Platform logo, the instance name 'alarmbuddy', and a search bar. The left sidebar contains a menu with options: SQL, Overview, Connections, Users (selected), Databases, Backups, Replicas, and Operations. The main content area is titled 'Users' and shows the instance 'alarmbuddy' (MySQL 8.0). Below this, there is a link to 'User accounts enable users and applications to connect to your instance. Learn more' and a button to '+ ADD USER ACCOUNT'. A table lists the existing users and their host names.

| User name ↑ | Host name |
|-------------|--------------|
| aaron | % (any host) |
| amazon | % (any host) |
| android | % (any host) |
| andy | % (any host) |
| jacob | % (any host) |
| mitzi | % (any host) |
| root | % (any host) |
| test | % (any host) |
| web | % (any host) |

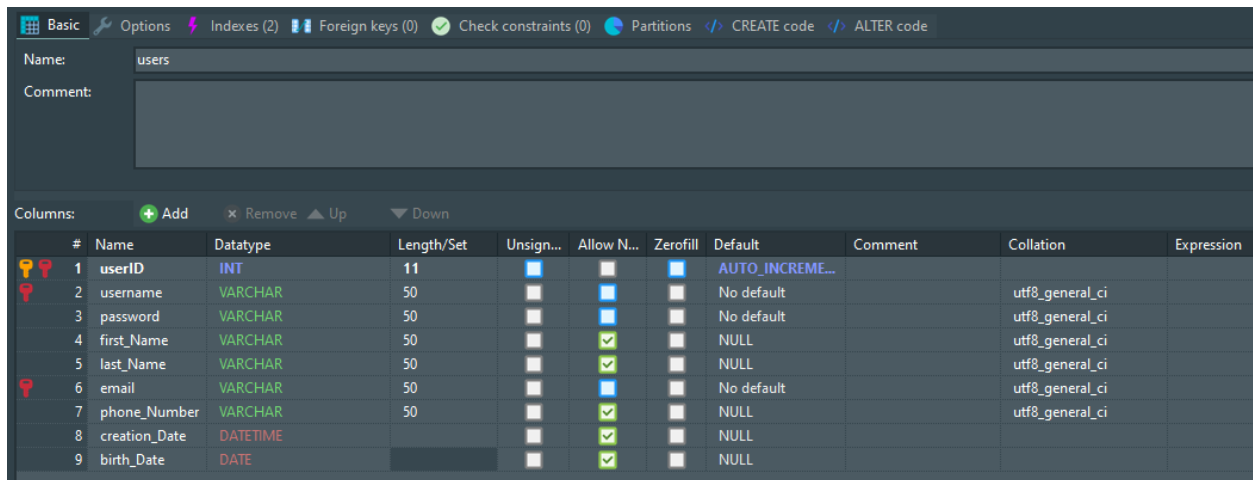


2. Launch HeidiSQL, you will need to make a new session by entering the IP of the database, your username, and the password. The port should be left to the default 3306.
3. Connect to your database.

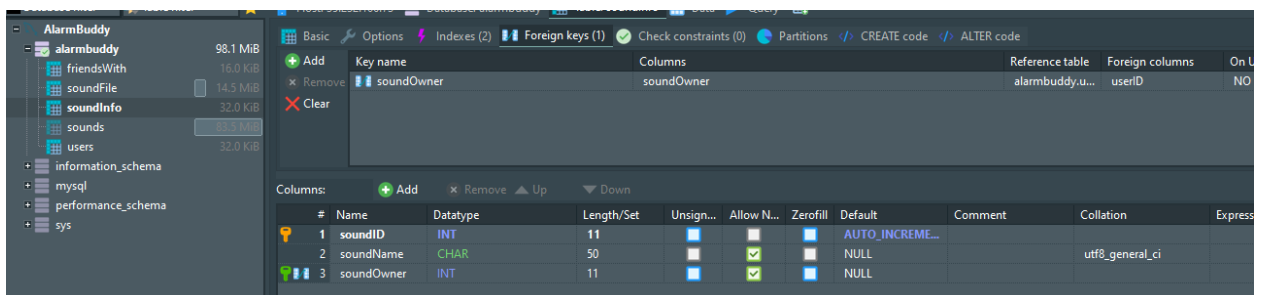


4. Right click on the Alarmbuddy database, create new -> table. It will bring up a new table where you can start entering your information. Enter the table name. To add columns.

Click the add button for the columns. It will allow you to set the column name, the data type, if its allowed null, and many other options.



- To set the primary key for the database, click on the indexes option, hit the add button -> change the type/length option to "PRIMARY". To add that index to a column, right click on the index -> add column, then select the column you want.
- To add a foreign key relation to another table, go under the foreign key section -> name the key, add the column from that table, then select the reference table you want, and that column name.



- To view the data in tables, click on the data tab.
- Remember to hit the save button before changing tables.

