

# Testing Granular Access in a PostgreSQL Database on Azure

This documentation outlines the steps to test granular access for a PostgreSQL database hosted on "Azure Database for PostgreSQL flexible server." The primary objective of this assignment is to demonstrate the implementation of granular access. Follow the steps below to connect and attempt data manipulation for testing granular access:

## Database Overview:

To be able to test, ensure you are working with an appropriate PostgreSQL database client. Enter the following credentials to access the database.

## Database credentials:

- Server name/host: granularaccesslasse.postgres.database.azure.com
- Port: 5432
- Database: granular\_access\_db

## User Identification and access level:

The following describes users with different access levels. Try and connect with the different usernames and passwords and execute the relevant queries to see if you get the correct response.

The database contains multiple tables that are only visible to specific users.

### READ ONLY:

Username: "readonly"

Password: "XSW23edc"

### READ/WRITE:

Username: "readwrite"

Password: "XSW23edc"

**Here are some simple SQL Queries to try. Or come up with your own.**

```
SELECT * FROM sensitive_data
```

```
INSERT INTO sensitive_data (data_value) VALUES ('New Data')
```

### NO READ OR WRITE ACCESS:

Username: "noread"

Password: "XSW23edc"

