SQL Queries

# Query One

**Description**

Get the name of every test engineer

**SQL**

SELECT name

FROM Engineer

WHERE Role = 'Test'

**Table**

Application, table

Description automatically generated

# query two

**Description**

Get all of the test ids and descriptions of failed tests

**SQL**

SELECT Software.Software\_Id, Software.Description

FROM Software

JOIN Executes

ON Executes.Software\_Id = Software.Software\_Id

WHERE Result = 'Fail';

**Table**

Table

Description automatically generated

# query three

**Description**

Get all of the test ids and descriptions of passed tests

**SQL**

SELECT Software.Software\_Id, Software.Description

FROM Software

JOIN Executes

ON Executes.Software\_Id = Software.Software\_Id

WHERE Result = 'Pass';

**Table**

Table

Description automatically generated

# query four

**Description**

What time the tests that failed were ran and the names of the engineer who ran them

**SQL**

SELECT Software.Software\_Id, Software.Description, Executes.Result, Time.DOB, Time.Time, Engineer.Name

FROM Software

JOIN Executes

ON Executes.Software\_Id = Software.Software\_Id

JOIN Time

ON Time.Execute\_Id = Executes.Execute\_Id

JOIN Programs

ON Programs.Software\_Id = Software.Software\_Id

JOIN Engineer

ON Engineer.Employee\_Id = Programs.Employee\_Id

WHERE Result = 'Fail';

**Table**

Table

Description automatically generated

# query five

**Description**

What tests did the employee Cody Strange work on

**SQL**

SELECT Software.Software\_Id, Software.Description, Engineer.Name

FROM Software

JOIN Programs

ON Programs.Software\_Id = Software.software\_Id

JOIN Engineer

ON Engineer.Employee\_Id = Programs.Employee\_Id

Where Engineer.Name = 'Cody Strange'

**Table**

Graphical user interface, text, application, chat or text message

Description automatically generated