SQL Queries

https://www.w3schools.com/php/php\_mysql\_prepared\_statements.asp

**allergies**

No insert statement needed – will be predefined

Select all allergies

"SELECT allergy\_name FROM allergies"

Select allergy\_id for a particular allergy

"SELECT allergy\_id FROM allergies WHERE allergy\_name = ?"

**elderly allergies**

insert an elderly allergy

"INSERT INTO elderly\_allergies (elderly\_id, allergy\_id) VALUES (?, ?)"

Select allergies\_name for a an elderly person

"SELECT a.allergy\_name

FROM elderly\_allergies ea

JOIN allergies a ON ea.allergy\_id = a.allergy\_id

WHERE ea.elderly\_id = ?"

Select the number of allergies an elderly person has

"SELECT COUNT(ea.allergy\_id) AS num\_allergies

FROM elderly\_allergies ea

WHERE ea.elderly\_id = ?"

**carer details**

Insert data

"INSERT INTO carer\_details (first\_name, last\_name, phone\_number, email) VALUES (?, ?, ?, ?)"

Get all carer details

"SELECT \*

FROM carer\_details

WHERE carer\_id = ?"

Selecting the someone’s carer’s contact details

"SELECT cd.first\_name AS carer\_first\_name,

cd.last\_name AS carer\_last\_name,

cd.phone\_number AS carer\_phone\_number,

cd.email AS carer\_email

FROM elderly\_details ed

JOIN carer\_details cd ON ed.carer\_id = cd.carer\_id

WHERE ed.elderly\_id = ?"

Get a carer\_id from an email address

"SELECT carer\_id FROM carer\_details WHERE email = ?"

**carer password**

Insert a carer’s password

"INSERT INTO carer\_password (carer\_id, hashed\_password) VALUES (?, ?)"

Get a carer’s pin

"SELECT hashed\_password FROM carer\_password WHERE carer\_id = ?"

**carer secret answer**

Inserting a carer secret answer

"INSERT INTO carer\_secret\_answer (carer\_id, hashed\_answer) VALUES (?, ?)"

Selecting a carer secret answer

"SELECT hashed\_answer FROM carer\_secret\_answer WHERE carer\_id = ?"

**elderly details**

Inserting a new elderly person’s record

"INSERT INTO elderly\_details (first\_name, last\_name, date\_of\_birth, phone\_number, email, carer\_id, emergency\_contact\_id) VALUES (?, ?, ?, ?, ?, ?, ?)"

Selecting contact details

"SELECT first\_name, last\_name, phone\_number, email FROM elderly\_details"

Selecting the someone’s carer’s contact details

"SELECT cd.first\_name AS carer\_first\_name,

cd.last\_name AS carer\_last\_name,

cd.phone\_number AS carer\_phone\_number,

cd.email AS carer\_email

FROM elderly\_details ed

JOIN carer\_details cd ON ed.carer\_id = cd.carer\_id

WHERE ed.elderly\_id = ?"

Get elderly\_id from an email address

"SELECT elderly\_id FROM elderly\_details WHERE email = ?"

Selecting someone’s emergency contact details  
  
"SELECT ecd.first\_name, ecd.last\_name, ecd.phone\_number

FROM elderly\_details ed

JOIN emergency\_contact\_details ecd ON ed.emergency\_contact\_id = ecd.emergency\_contact\_id

WHERE ed.elderly\_id = ?"

**elderly medical conditions**

Inserting an elderly person’s medical condition

"INSERT INTO elderly\_medical\_conditions (elderly\_id, medical\_condition\_id) VALUES (?, ?)"

Getting the names of someones medical conditions

"SELECT mc.condition\_name

FROM elderly\_medical\_conditions emc

JOIN medical\_conditions mc ON emc.medical\_condition\_id = mc.medical\_condition\_id

WHERE emc.elderly\_id = ?"

Get the number of medical conditions an elderly person has

"SELECT COUNT(\*) FROM elderly\_medical\_conditions WHERE elderly\_id = ?"

**elderly pin**

Inserting an elderly pin

"INSERT INTO elderly\_pin (elderly\_id, hashed\_pin) VALUES (?, ?)"

Selecting an elderly pin

"SELECT hashed\_pin FROM elderly\_pin WHERE elderly\_id = ?"

**elderly secret answer**

Insert an elderly secret answer

"INSERT INTO elderly\_secret\_answer (elderly\_id, hashed\_answer) VALUES (?, ?)"

Select an elderly secret answer

"SELECT hashed\_answer FROM elderly\_secret\_answer WHERE elderly\_id = ?"

**elderly tasks**

When an elderly person creates a new to-do task, it needs to be inserted

“INSERT INTO elderly\_tasks (elderly\_id, task\_name, completed, todo\_date, todo\_time)

VALUES (?, ?, ?, ?, ?);”

Getting incomplete tasks

"SELECT task\_name FROM elderly\_tasks WHERE elderly\_id = ? AND completed = FALSE"

Getting complete tasks

"SELECT task\_name FROM elderly\_tasks WHERE elderly\_id = ? AND completed = TRUE";

Getting tasks due on current date

SELECT \*

FROM elderly\_tasks

WHERE todo\_date = CURDATE();

Getting tasks due on a specific date

SELECT \*

FROM elderly\_tasks

WHERE todo\_date = ?;

**emergency contact details**

Inserting emergency contact details

"INSERT INTO emergency\_contact\_details (first\_name, last\_name, phone\_number) VALUES (?, ?, ?)"

Selecting someone’s emergency contact details  
  
"SELECT ecd.first\_name, ecd.last\_name, ecd.phone\_number

FROM elderly\_details ed

JOIN emergency\_contact\_details ecd ON ed.emergency\_contact\_id = ecd.emergency\_contact\_id

WHERE ed.elderly\_id = ?"

**medical conditions**

No insert statements needed – will be predefined

Getting the names of someones medical conditions

"SELECT mc.condition\_name

FROM elderly\_medical\_conditions emc

JOIN medical\_conditions mc ON emc.medical\_condition\_id = mc.medical\_condition\_id

WHERE emc.elderly\_id = ?"

**mood ratings**

Inserting a mood

"INSERT INTO mood\_ratings (elderly\_id, mood) VALUES (?, ?)"

Getting the 3 most recent moods

"SELECT mood, rating\_timestamp FROM MoodRatings WHERE user\_id = ? ORDER BY rating\_timestamp DESC LIMIT 3"

**pin attempts**

Incrementing the pin attempts

UPDATE elderly SET pin\_attempts = pin\_attempts + 1 WHERE elderly\_id = ?;

Retrieving pin attempts for a certain elderly\_id

SELECT pin\_attempts FROM elderly WHERE elderly\_id = ?;

Resetting an elderly person’s pin to 0

UPDATE elderly SET pin\_attempts = 0 WHERE elderly\_id = ?;