

Database TESTING - SIMPLY RUGBY

TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
SELECT Queries	HIGH	1	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing if SELECT queries work as expected and retrieve expected records		Dominik Subocz	04/10/2024
TEST DESCRIPTION			
Carrying out small individual tests for all the queries to see if they work as expected			

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Select all Player Records	4/10/2024	SELECT * FROM players	Retrieve & return all records from the players table	Retrieves & returns all records from the players table	PASS
2	Select all Junior Records	4/10/2024	SELECT * FROM juniors	Retrieve & return all records from the juniors table	Retrieves & returns all records from the juniors table	PASS
3	Select all Member Records	4/10/2024	SELECT * FROM members	Retrieve & return all records from the members table	Retrieves & returns all records from the members table	PASS
4	Select all Doctors Records	4/10/2024	SELECT * FROM simplyrugby.doctors	Retrieve & return all records from the doctors table	Retrieves & returns all records from the doctors table	PASS
5	Select all Coaches Records	4/10/2024	SELECT * FROM simplyrugby.coaches	Retrieve & return all records from the coaches table	Retrieves & returns all records from the coaches table	PASS
6	Select all Squads	4/10/2024	SELECT * FROM simplyrugby.squads	Retrieve & return all records from the squads table	Retrieves & returns all records from the squads table	PASS
7	Select all Addresses	4/10/2024	SELECT * FROM simplyrugby.addresses	Retrieve & return all records from the addresses table	Retrieves & returns all records from the addresses table	PASS
8	Select Session with specific details	4/10/2024	SELECT * FROM simplyrugby.sessions WHERE name = ? AND start = ? AND end = ?	Retrieve & return session that matches the specified details	Retrieves & returns session that matches the specified details	PASS

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TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
LEFT JOIN Queries	HIGH	2	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all LEFT JOIN Queries, work and output results as expected		Dominik Subocz	4/10/2024

TEST DESCRIPTION

Carrying out small individual tests for all the queries to see if they work as expected

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Select juniors with detailed information	4/10/2024	SELECT j.*, a.*, d.*, s.category, s.skill_name, js.skill_level, js.comment FROM simplyrugby.juniors j LEFT JOIN simplyrugby.addresses a ON j.address_id = a.address_id LEFT JOIN simplyrugby.junior_skills js ON j.junior_id = js.junior_id LEFT JOIN simplyrugby.skills s ON js.skill_id = s.skill_id LEFT JOIN simplyrugby.junior_associations ja ON j.junior_id = ja.junior_id LEFT JOIN simplyrugby.doctors d ON d.doctor_id = ja.doctor_id WHERE j.junior_id = ?	Retrieve and return all information about a specific junior from the juniors table, including their address information and associated doctor details. Additionally, include any skills and associated comments for the junior.	Retrieves and returns all information about a specific junior from the juniors table, including their address information and associated doctor details and any skills and associated comments for the junior.	PASS
2	Select guardians with their associated juniors	4/10/2024	SELECT g.*, a.* FROM simplyrugby.guardians g LEFT JOIN simplyrugby.addresses a ON g.address_id = a.address_id WHERE g.guardian_id = ?	Retrieve and return all records from the guardians table along with their associated address information from the addresses table. Each guardian row will be joined with their corresponding address. Results should be empty if no record exists with these parameters.	Retrieves and returns all records from the guardians table along with their associated address information from the addresses table. Each guardian row is joined with their corresponding address. Results are empty if no record exists with these parameters.	PASS
3	Select players with detailed information	4/10/2024	SELECT * FROM simplyrugby.players p LEFT JOIN simplyrugby.addresses a ON p.address_id = a.address_id LEFT JOIN simplyrugby.doctors d ON p.doctor_id = d.doctor_id WHERE p.player_id = ?	Retrieve and return all records from the players table along with their associated address and doctor information from addresses and doctors tables. Each player row will be joined with their corresponding address and doctor. Results should be empty if no record exists with these parameters.	Retrieves and returns all records from the players table along with their associated address and doctor information from addresses and doctors tables. Each player row is joined with their corresponding address and doctor. Results should be empty if no record exists with these parameters.	PASS
4	Select guardians associated with a specific junior	4/10/2024	SELECT g.*, a.* FROM simplyrugby.guardians g LEFT JOIN simplyrugby.junior_associations ja ON g.guardian_id = ja.guardian_id WHERE ja.junior_id = ?	Retrieve and return all guardians associated with a specific junior, along with their guardian details. Results should be empty if no record with that ID number exist	Retrieves and returns all guardians associated with a specific junior, along with their guardian details. Results are empty if no record with that ID number exist	PASS



TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
LEFT JOIN Queries	HIGH	2	2
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all LEFT JOIN Queries, work and output results as expected		Dominik Subocz	4/11/2024
TEST DESCRIPTION			
Carrying out small individual tests for all the queries to see if they work as expected			

1	Select players with their assigned positions	4/11/2024	SELECT pl.*, p.position FROM simplyrugby.players pl LEFT JOIN simplyrugby.player_positions pp ON pl.player_id = pp.player_id LEFT JOIN simplyrugby.positions p ON pp.position_id = p.position_id WHERE pl.player_id = ?	Retrieve and return all information about a specific player from the players including associated positions from the player positions table. Each player row will be joined with their corresponding position column. Results should be empty if no record with the ID number exist	Retrieves and returns all information about a specific player from the players including associated positions from the player positions table. Each player row is joined with their corresponding position column. Results are empty if no record with the ID number exist	PASS
2	Join guardians with their addresses	4/11/2024	SELECT g.*, a.* FROM simplyrugby.guardians g LEFT JOIN simplyrugby.addresses a ON g.address_id = a.address_id	Retrieve and return all guardians along with their associated address information.	Retrieves and returns all guardians along with their associated address information.	PASS
3	Join juniors with their associated guardians	4/11/2024	SELECT j.*, g.* FROM simplyrugby.juniors j LEFT JOIN simplyrugby.junior_associations ja ON ja.junior_id = j.junior_id LEFT JOIN simplyrugby.guardians g ON g.guardian_id = ja.guardian_id WHERE j.junior_id = ?	Retrieve and return information about a junior player along with their associated guardian. Each junior player record will be joined with their corresponding guardian record. Results should be empty if no record exists with these parameters.	Retrieves and returns information about a junior player along with their associated guardian. Each junior player record is joined with their corresponding guardian record. Results are empty if no record exists with these parameters.	PASS

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TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
UNION Queries	HIGH	3	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all UNION Queries, work and output results as expected		Dominik Subocz	04/11/2024
TEST DESCRIPTION			
Carrying out small individual tests for all the queries to see if they work as expected			

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Union sessions and games into one result set	4/11/2024	SELECT session_id AS id, 'session_id' AS type, name, start, end, location FROM simplyrugby.sessions UNION SELECT game_id AS id, 'game_id' AS type, name, start, end, location FROM simplyrugby.games	Retrieve and return of both training sessions and games into one table. Each entry will include information like ID, type (showing if it's a session or a game), name, start time, end time, and location.	Retrieves and returns records containing information about both training sessions and games into one table. Each entry include information like ID, type (showing if it's a session or a game), name, start time, end time, and location.	



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TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
INSERT INTO Queries	HIGH	4	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all INSERT INTO Queries, work and output results as expected		Dominik Subocz	04/11/2024

TEST DESCRIPTION
Carrying out small individual tests for all the queries to see if they work as expected

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Insert new training session record	4/11/2024	INSERT INTO simplyrugby.sessions (coach_id, squad_id, name, start, end, location) VALUES (?, ?, ?, ?, ?, ?)	Create a new record inside sessions table with passed parameters.	A new record was created inside sessions table with passed parameters.	PASS
2	Create new game record	4/11/2024	INSERT INTO simplyrugby.games (squad_id, name, opposition_team, start, end, location, kickoff_time, result, score) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)	Create a new record inside games table with passed parameters.	A new record was created inside games table with passed parameters.	PASS
3	Create new user record in users table	4/11/2024	INSERT INTO users (username, email, password, user_role) VALUES (?, ?, ?, ?)	Create a new record inside users table with passed parameters.	A new record was created inside users table with passed parameters.	PASS
4	Create new doctor record	4/11/2024	INSERT INTO simplyrugby.doctors (doctor_first_name, doctor_last_name, doctor_contact_no) VALUES (?, ?, ?)	Create a new record inside doctors table with passed parameters.	A new record was created inside doctors table with passed parameters.	PASS
5	Create new member record	4/11/2024	INSERT INTO simplyrugby.members (address_id, first_name, last_name, dob, sru_no, contact_no, mobile_no, email_address, filename) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)	Create a new record inside members table with passed parameters.	A new record was created inside members table with passed parameters.	PASS
6	Create new junior record	4/11/2024	INSERT INTO simplyrugby.juniors(address_id, first_name, last_name, dob, sru_no, contact_no, mobile_no, email_address, health_issues, filename) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?)	Create a new record inside juniors table with passed parameters.	A new record was created inside juniors table with passed parameters.	PASS
7	Create new junior association record	4/11/2024	INSERT INTO simplyrugby.junior_associations(junior_id, guardian_id, doctor_id) VALUES (?, ?, ?)	Create a new record inside junior associations table with passed parameters.	A new record was created inside junior associations table with passed parameters.	PASS
8	Create new training details record	4/11/2024	INSERT INTO simplyrugby.training_details(session_id, coach_id, squad_id) VALUES (?, ?, ?)	Create a new record inside training details table with passed parameters.	A new record was created inside training details table with passed parameters.	PASS

Database TESTING - SIMPLY RUGBY

TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
Update Queries	HIGH	5	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all UPDATE Queries, work and output results as expected		Dominik Subocz	04/11/2024
<div>TEST DESCRIPTION</div> <div>Carrying out small individual tests for all the queries to see if they work as expected</div>			

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Update existing player record	4/11/2024	UPDATE simplyrugby.players SET address_id = ?, doctor_id = ?, first_name = ?, last_name = ?, dob = ?, stu_no = ?, contact_no = ?, mobile_no = ?, email_address = ?, next_of_kin = ?, kin_contact_no = ?, health_issues = ?, filename = ? WHERE player_id = ?	Update existing record with specific ID in the players table with passed parameters.	Existing record has been updated with specific ID in the players table with passed parameters.	PASS
2	Update existing junior player record	4/11/2024	UPDATE simplyrugby.juniors SET address_id = ?, first_name = ?, last_name = ?, dob = ?, stu_no = ?, contact_no = ?, mobile_no = ?, email_address = ?, health_issues = ?, filename = ? WHERE junior_id = ?	Update existing record with specific ID in the juniors table with passed parameters.	Existing record has been updated with specific ID in the juniors table with passed parameters.	PASS
3	Update existing junior association record	4/11/2024	UPDATE simplyrugby.junior_associations SET guardian_id = ?, doctor_id = ? WHERE junior_id = ?	Update existing record with specific ID in the junior associations table with passed parameters.	Existing record has been updated with specific ID in the junior associations table with passed parameters.	PASS
4	Update existing member record	4/11/2024	UPDATE simplyrugby.members SET address_id = ?, first_name = ?, last_name = ?, dob = ?, stu_no = ?, contact_no = ?, mobile_no = ?, email_address = ?, filename = ? WHERE member_id = ?	Update existing record with specific ID in the members table with passed parameters.	Existing record has been updated with specific ID in the members table with passed parameters.	PASS
5	Update existing coach record	4/11/2024	UPDATE simplyrugby.coaches SET first_name = ?, last_name = ?, dob = ?, contact_no = ?, mobile_no = ?, email_address = ?, filename = ? WHERE coach_id = ?	Update existing record with specific ID in the coaches table with passed parameters.	Existing record has been updated with specific ID in the coaches table with passed parameters.	PASS
6	Update specific skill of a specific player	4/11/2024	UPDATE simplyrugby.player_skills SET skill_level = ?, comment = ? WHERE skill_id = ? AND player_id = ?	Update existing record with specific ID in the player skills table with passed parameters.	Existing record has been updated with specific ID in the player skills table with passed parameters.	PASS
7	Update specific game half	4/11/2024	UPDATE simplyrugby.game_halves SET home_team = ?, home_score = ?, home_comment = ?, opposition_team = ?, opposition_score = ?, opposition_comment = ? WHERE game_half_id = ?	Update existing record with specific ID in the game halves table with passed parameters.	Existing record has been updated with specific ID in the game halves table with passed parameters.	PASS
8	Update specific game	4/11/2024	UPDATE simplyrugby.games SET squad_id = ?, name = ?, opposition_team = ?, start = ?, end = ?, location = ?, kickoff_time = ?, result = ?, score = ? WHERE game_id = ?	Update existing record with specific ID in the games table with passed parameters.	Existing record has been updated with specific ID in the games table with passed parameters.	PASS

Database TESTING - SIMPLY RUGBY

TEST TITLE	PRIORITY	TEST ID	TEST NUMBER
DELETE Queries	HIGH	6	1
TEST DESCRIPTION		TEST EXECUTED BY	EXECUTION DATE
Testing to see if all DELETE Queries, work and output results as expected		Dominik Subocz	04/11/2024

TEST DESCRIPTION
Carrying out small individual tests for all the queries to see if they work as expected

TEST ID	STEP DESCRIPTION	TEST DATE	SQL CODE	EXPECTED RESULTS	ACTUAL RESULTS	PASS / FAIL
1	Delete specific address record from database	4/11/2024	DELETE FROM simplyrugby.addresses WHERE address_id = ?	Delete record that matches the specified ID number. If the ID column with that ID number is used elsewhere throw error.	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
2	Delete specific guardian (only works if guardian isn't present in other tables)	4/11/2024	DELETE * FROM simplyrugby.guardians WHERE guardian_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
3	Delete specific junior from database	4/11/2024	DELETE FROM juniors WHERE junior_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
4	Delete association of specific junior from database	4/11/2024	DELETE FROM junior_associations WHERE junior_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
5	Delete position of specific junior from database	4/11/2024	DELETE FROM junior_positions WHERE junior_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
6	Delete skills of specific junior from database	4/11/2024	DELETE FROM junior_skills WHERE junior_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
7	Delete coach with specific ID from database	4/11/2024	DELETE FROM simplyrugby.coaches WHERE coach_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS

8	Delete member with specific ID from database	4/11/2024	DELETE FROM members WHERE member_id = ?	Delete record that matches the specified ID number	Record with that ID number has been deleted from the database. Error is thrown if the ID column with that ID number is used elsewhere.	PASS
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