

Test Case ID	C1			
Project	Financial Investment Platform			
Component	User Database			
Date	10.01.25			
Tester	Sergei Osipov			
Reviewed by				
Review Date				
Title	Check for duplicate emails in the users table			
Description	Validate that there are no duplicate email entries in the users table.			
Preconditions	1.Access to the database is configured in DBeaver. 2.The database connection is established. 3.Execute the query SELECT * FROM users; to confirm that the table contains data for validation.			
Test Data	Database Name FinvestoDB. Table Name users.			
Step No.	Action	Expected Result	Result	Bug Report
1	Execute the query: SELECT email, COUNT(*) FROM users GROUP BY email HAVING COUNT(*) > 1;.	Query returns no results, confirming there are no duplicate email entries.	Fail	<a href="https://docs.google.com/spreadsheets/d/1MVUzh8GCeCtZYqXShnRVouFxFX8QtL_4AgJRrkiri0/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1MVUzh8GCeCtZYqXShnRVouFxFX8QtL_4AgJRrkiri0/edit?usp=sharing</a>
Notes				
Test Case ID	C2			
Project	Financial Investment Platform			
Component	User Database			
Date	10.01.25			
Tester	Sergei Osipov			
Reviewed by				
Review Date				
Title	Check for duplicate user_id in the users table			

Description	Validate that there are no duplicate user_id entries in the users table.			
Preconditions	1.Access to the database is configured in DBeaver. 2.The database connection is established. 3.Execute the query SELECT * FROM users; to confirm that the table contains data for validation.			
Test Data	Database Name - FinvestoDB. Table Name - users.			
Step No.	Action	Expected Result	Result	Bug Report
1	Execute the query: SELECT user_id, COUNT(*) FROM users GROUP BY user_id HAVING COUNT(*) > 1;.	Query returns no results, confirming there are no duplicate user_id entries.	Pass	
Notes				
Test Case ID	C3			
Project	Financial Investment Platform			
Component	User Database			
Date	10.01.25			
Tester	Sergei Osipov			
Reviewed by				
Review Date				
Title	Verify name Field Has No NULL Values in the users Table			
Description	Ensure that every record in the users table has a non-NULL value in the name column.			
Preconditions	1.Access to the database is configured in DBeaver. 2.The database connection is established. 3.Execute the query SELECT * FROM users; to confirm that the table contains data for validation.			
Test Data	Database Name - FinvestoDB. Table Name - users.			
Step No.	Action	Expected Result	Result	Bug Report

1	Execute the query: SELECT * FROM users WHERE name IS NULL	Query returns no results, confirming that the name field has no NULL values.	Pass	
Notes				
Test Case ID	C4			
Project	Financial Investment Platform			
Component	User Database			
Date	10.01.25			
Tester	Sergei Osipov			
Reviewed by				
Review Date				
Title	Check for standard email format Emails in the users Table			
Description	Ensure that all email addresses in the users table follow the standard email format (e.g., example@domain.com).			
Preconditions	1.Access to the database is configured in DBeaver. 2.The database connection is established. 3.Execute the query SELECT * FROM users; to confirm that the table contains data for validation.			
Test Data	Database Name - FinvestoDB. Table Name - users.			
Step No.	Action	Expected Result	Result	Bug Report
1	Execute the query: SELECT * FROM users WHERE email !~ '^([A-Za-z0-9._%+~]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,})\$';.	Query returns no results, confirming all email addresses have a valid format.	Fail	<a href="https://docs.google.com/spreadsheets/d/1-MPnt2XDSvjgFr3ydfImUobpEgJABn00zHxig3B7L80/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1-MPnt2XDSvjgFr3ydfImUobpEgJABn00zHxig3B7L80/edit?usp=sharing</a>
Notes				
Test Case ID	C5			
Project	Financial Investment Platform			

Component	Asset Database			
Date	10.01.25			
Tester	Sergei Osipov			
Reviewed by				
Review Date				
Title	Validate current_price in the assets Table			
Description	Ensure that the current_price column in the assets table does not contain NULL, zero, or negative values.			
Preconditions	1.Access to the database is configured in DBeaver. 2.The database connection is established. 3.Execute the query SELECT * FROM assets; to confirm that the table contains data for validation.			
Test Data	Database Name - FinvestoDB. Table Name - assets.			
Step No.	Action	Expected Result	Result	Bug Report
1	Execute the query: SELECT * FROM assets WHERE current_price IS NULL OR current_price <= 0	Query returns no results, confirming that all `current_price` values are valid.	Fail	<a href="https://docs.google.com/spreadsheets/d/1CrSjQ3SY7lhQDF4!7qCL-4jxRUJpjuJts2XTOWbGEk/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1CrSjQ3SY7lhQDF4!7qCL-4jxRUJpjuJts2XTOWbGEk/edit?usp=sharing</a>
Notes				