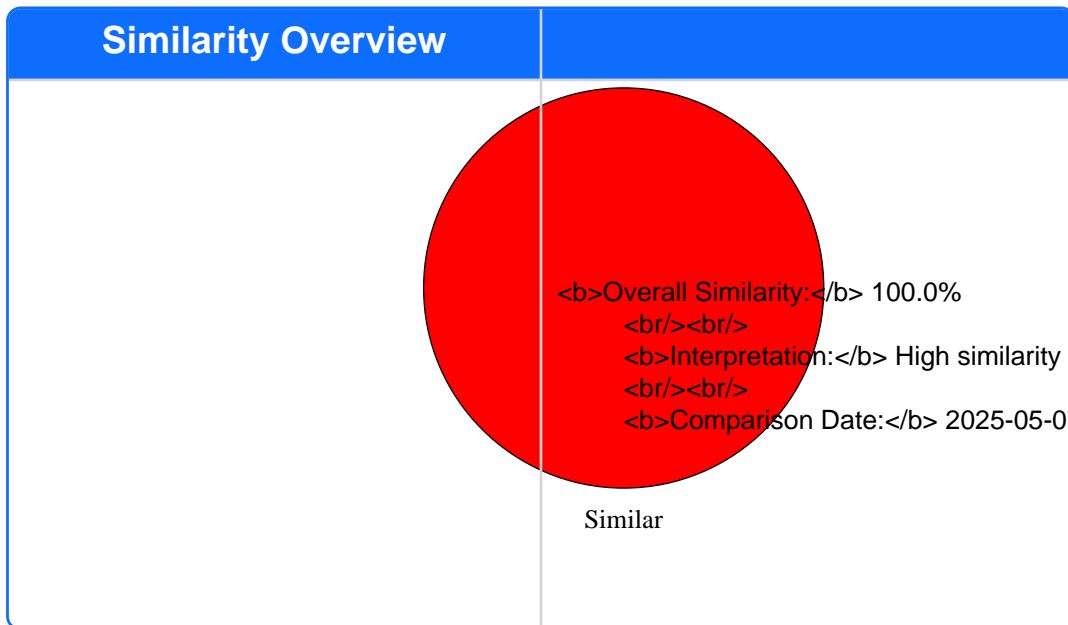


# Assignment Similarity Detection Report

Generated on 2025-05-07 18:47:41



## Documents Compared

	Document 1	Document 2
Filename	mand_20250326054659.pdf	u_20250326053916.pdf
Word Count	1971	1971
First Submission	2025-03-26	2025-03-26

## Similar Content Analysis

### Side-by-Side Content Comparison

**Match #1 - Similarity: 100.0%**

DATABASE SYSTEMS MINI PROJECT A Report  
Submitted to the Department of Electrical and  
Information

Engineering Faculty of Engineering University of  
Ruhuna Sri Lanka on 9th of April 2024 In

DATABASE SYSTEMS MINI PROJECT A Report  
Submitted to the Department of Electrical and  
Information

Engineering Faculty of Engineering University of  
Ruhuna Sri Lanka on 9th of April 2024 In

completing an assignment for the module ECE 4350 Database Systems By EG/2021/4432 : BANDARA KMTON	completing an assignment for the module ECE 4350 Database Systems By EG/2021/4432 : BANDARA KMTON
EG/2021/4433 : BANDARA LRTD TABLE OF CONTENT 1 Part A Relational Database 1.1 Chapter 1 Requirement	EG/2021/4433 : BANDARA LRTD TABLE OF CONTENT 1 Part A Relational Database 1.1 Chapter 1 Requirement
Analysis 4 4 1.1.1 Functional Requirements 4 1.1.2 Data Requirements 5 2 Chapter 2 Conceptual	Analysis 4 4 1.1.1 Functional Requirements 4 1.1.2 Data Requirements 5 2 Chapter 2 Conceptual
Design 7 3 Chapter 4 Implementation 9 Create the Data base 9 3.1.1 Create Tables 9 3.1.2	Design 7 3 Chapter 4 Implementation 9 Create the Data base 9 3.1.1 Create Tables 9 3.1.2
Inserting Values 17 3.1.3 Update 25 3.1.4 Delete 32 Transaction 39 3.1 3.2 3.2.1 Simple queries 39	Inserting Values 17 3.1.3 Update 25 3.1.4 Delete 32 Transaction 39 3.1 3.2 3.2.1 Simple queries 39
3.2.2 COMPLEX QUERIES 43 3.3 DATABASE TUNING 51 TABLE OF FIGURES Figure 1: Entity Relationship	3.2.2 COMPLEX QUERIES 43 3.3 DATABASE TUNING 51 TABLE OF FIGURES Figure 1: Entity Relationship
Diagram of the Pet Adoption Database Figure 2: Logical Database Design Figure 3: create database	Diagram of the Pet Adoption Database Figure 2: Logical Database Design Figure 3: create database
Figure 4: create USER table Figure 5:Create User_Contact Table Figure 6:Create PET Table 10 10	Figure 4: create USER table Figure 5:Create User_Contact Table Figure 6:Create PET Table 10 10
Figure 7: Create EVENT Table Figure 8: Create Participate_Event Table Figure 9: Create VETANARY	Figure 7: Create EVENT Table Figure 8: Create Participate_Event Table Figure 9: Create VETANARY
Table Figure 10: Create Get_Medicine Table Figure 11: Create Transaction Table Figure 12: Create	Table Figure 10: Create Get_Medicine Table Figure 11: Create Transaction Table Figure 12: Create
Medical _History Table Figure 13: Create History_Detail Table Figure 14: Create Shelter table	Medical _History Table Figure 13: Create History_Detail Table Figure 14: Create Shelter table
Figure 15: Create financial table Figure 16: Create vet_visit table Figure 17: Create visit_reason	Figure 15: Create financial table Figure 16: Create vet_visit table Figure 17: Create visit_reason
table Figure 18: Show all the created tables Figure 19: Insert values to the USER Table (1) Figure	table Figure 18: Show all the created tables Figure 19: Insert values to the USER Table (1) Figure
20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:	20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:
Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to	Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to
Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into	Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into

Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values	Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values
of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas	of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas
into History_Detail table Figure 31: Insert values to Shelter table Figure 32: Insert values to	into History_Detail table Figure 31: Insert values to Shelter table Figure 32: Insert values to
Financial table Figure 33: Insert values to vet_visit table Figure 34: Insert values to	Financial table Figure 33: Insert values to vet_visit table Figure 34: Insert values to
vetvisit_reason table Figure 35: Update USER Table Figure 36: Update User_Contact table Figure 37:	vetvisit_reason table Figure 35: Update USER Table Figure 36: Update User_Contact table Figure 37:
Update Pet table Figure 38: Update Event table Figure 39: Update Participate_Event table Figure 40:	Update Pet table Figure 38: Update Event table Figure 39: Update Participate_Event table Figure 40:
Update Vetanary table Figure 41: Update Get_Medicine table Figure 42: Update Transaction table	Update Vetanary table Figure 41: Update Get_Medicine table Figure 42: Update Transaction table
Figure 43: Update Medical_History table Figure 44: Update History_Detail table Figure 45: Update	Figure 43: Update Medical_History table Figure 44: Update History_Detail table Figure 45: Update
Shelter table Figure 46: Update Finance table Figure 47: Update vet_visit table Figure 48: Update	Shelter table Figure 46: Update Finance table Figure 47: Update vet_visit table Figure 48: Update
vet_visit_reason table Figure 49: Delete in USER Figure 50:Delete in USER_CONTACT Figure 51: Delete	vet_visit_reason table Figure 49: Delete in USER Figure 50:Delete in USER_CONTACT Figure 51: Delete
in PET Figure 52: Delete in EVENT Figure 53: Delete in Participate_Event Figure 54: Delete in	in PET Figure 52: Delete in EVENT Figure 53: Delete in Participate_Event Figure 54: Delete in
Vetanary Figure 55: Delete in Get_Medicine Figure 56: Delete in Transaction Figure 57: Delete in	Vetanary Figure 55: Delete in Get_Medicine Figure 56: Delete in Transaction Figure 57: Delete in
Medical_History Figure 58: Delete in History_Detail Figure 59: Delete in Shelter Figure 60: Delete	Medical_History Figure 58: Delete in History_Detail Figure 59: Delete in Shelter Figure 60: Delete
in Financial 11 11 12 12 13 13 14 14 15 15 16 16 17 17 18 18 19 19 20 20 21 21 22 22 23 23 24 24 25	in Financial 11 11 12 12 13 13 14 14 15 15 16 16 17 17 18 18 19 19 20 20 21 21 22 22 23 23 24 24 25
25 26 26 27 27 28 28 29 29 30 30 31 31 32 32 33 33 34 34 35 35 36 36 37 37 Figure 61: Delete in	25 26 26 27 27 28 28 29 29 30 30 31 31 32 32 33 33 34 34 35 35 36 36 37 37 Figure 61: Delete in
vet_vist Figure 62: Delete in vist_reason Figure 63: Retrieve al tuples from USER table Figure 64:	vet_vist Figure 62: Delete in vist_reason Figure 63: Retrieve al tuples from USER table Figure 64:
Retrieve data of user_id = U003 Figure 65: Find the pet_type of dogs Figure 66: Sorting the age by	Retrieve data of user_id = U003 Figure 65: Find the pet_type of dogs Figure 66: Sorting the age by

disending order Figure 67: like function Figure 68: COUNT THE ROWS OF USER Figure 69: Find the	disending order Figure 67: like function Figure 68: COUNT THE ROWS OF USER Figure 69: Find the
maximum Age Figure 70: SELECT the pet s age from 4 to 6 Figure 71: Sum of the transaction Figure	maximum Age Figure 70: SELECT the pet s age from 4 to 6 Figure 71: Sum of the transaction Figure
72: DEVISION ( Find the user who has adopted and participate the event) Figure 73: Union Operation	72: DEVISION ( Find the user who has adopted and participate the event) Figure 73: Union Operation
Figure 74: create a view and union operation Figure 75: Aggrregation and Set Difference complex	Figure 74: create a view and union operation Figure 75: Aggrregation and Set Difference complex
query Figure 76: Inner Join Operation Figure 77: Inner Join And Left Outer Join Operation Figure	query Figure 76: Inner Join Operation Figure 77: Inner Join And Left Outer Join Operation Figure
78: RIGTH OUTER JOIN Figure 79: FULL OUTER JOIN Figure 80: NATURAL JOIN Figure 81: OUTER UNION	78: RIGTH OUTER JOIN Figure 79: FULL OUTER JOIN Figure 80: NATURAL JOIN Figure 81: OUTER UNION
Figure 82: Nestedquery with Aggregation function and set difference Figure 83: Nested query with	Figure 82: Nestedquery with Aggregation function and set difference Figure 83: Nested query with
Join and Projection Figure 84: Nested query with aggreation function and division Figure 85: TUNING	Join and Projection Figure 84: Nested query with aggreation function and division Figure 85: TUNING
1 (sum of the transactions) Figure 86: Tuning 2 (User Whose Has Adopted And Participated Events)(1)	1 (sum of the transactions) Figure 86: Tuning 2 (User Whose Has Adopted And Participated Events)(1)
Figure 87: tuning 2 (user whose has adopted and participated events)(2) Figure 88: TUNING 3 (Union	Figure 87: tuning 2 (user whose has adopted and participated events)(2) Figure 88: TUNING 3 (Union
Of Transactions Underadoption And Donations)(1) Figure 89: TUNING 3 (union of transactions	Of Transactions Underadoption And Donations)(1) Figure 89: TUNING 3 (union of transactions
underadoption and donations)(2) Figure 90: TUNING 4 (creation pf union of views) Figure 91: TUNING	underadoption and donations)(2) Figure 90: TUNING 4 (creation pf union of views) Figure 91: TUNING
5 (cont how many userswho have adopt more than one pet) Figure 92: Tunning 6 Figure 93: Tuning 7	5 (cont how many userswho have adopt more than one pet) Figure 92: Tunning 6 Figure 93: Tuning 7
Figure 94: Tuning 8 Figure 95: tuning 9 Figure 96: Tuning 10 1 38 38 39 39 40 40 41 41 42 42 43 43	Figure 94: Tuning 8 Figure 95: tuning 9 Figure 96: Tuning 10 1 38 38 39 39 40 40 41 41 42 42 43 43
44 44 45 45 46 46 47 47 48 48 49 50 Part A Relational Database 1.1 Chapter 1 Requirement Analysis	44 44 45 45 46 46 47 47 48 48 49 50 Part A Relational Database 1.1 Chapter 1 Requirement Analysis

1.1.1 Functional Requirements During this project it is clearly understand whether the relationship	1.1.1 Functional Requirements During this project it is clearly understand whether the relationship
has build up upon the pet adoption centre.	has build up upon the pet adoption centre.

Similarity score: 100.0%

---

**Match #2 - Similarity: 100.0%**

Initially concluded that the entities, attributes and the relationships where the database of pet	Initially concluded that the entities, attributes and the relationships where the database of pet
adoption which is deals with the adopters and also the pet availability .	adoption which is deals with the adopters and also the pet availability .

Similarity score: 100.0%

---

**Match #3 - Similarity: 100.0%**

here used the conceptual database model while these process it has converted the conceptual	here used the conceptual database model while these process it has converted the conceptual
representation into the logical structure of database through the normalization process.	representation into the logical structure of database through the normalization process.

Similarity score: 100.0%

---

**Match #4 - Similarity: 100.0%**

In these database it was used the MySql to represent the physical structure of the database on	In these database it was used the MySql to represent the physical structure of the database on
Pet_-Adoption.	Pet_-Adoption.

Similarity score: 100.0%

---

**Match #5 - Similarity: 100.0%**

First identify the user under the categories as adopters, admin, employees as well as the personal	First identify the user under the categories as adopters, admin, employees as well as the personal
details of them.	details of them.

Similarity score: 100.0%

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**Match #6 - Similarity: 100.0%**

As the main relationship is occurred with the users with the pet which are under adopted or they	As the main relationship is occurred with the users with the pet which are under adopted or they
has still live in this centre as well as including with the details of the pets availability.	has still live in this centre as well as including with the details of the pets availability.

Similarity score: 100.0%

---

**Match #7 - Similarity: 100.0%**

Considering pet entity it mainly focused on their health issues from that there has stored data as	Considering pet entity it mainly focused on their health issues from that there has stored data as
vet visit details , as well as the medical history of those animals.	vet visit details , as well as the medical history of those animals.

Similarity score: 100.0%

---

**Match #8 - Similarity: 100.0%**

When considering about the pet adoption centre it has direct relationship with the users and	When considering about the pet adoption centre it has direct relationship with the users and
transactions whom are adopters, or the donators it will be transacted with.	transactions whom are adopters, or the donators it will be transacted with.

Similarity score: 100.0%

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**Match #9 - Similarity: 100.0%**

As well as it includes the financial also it provides that it has mainly income of it.	As well as it includes the financial also it provides that it has mainly income of it.
----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------

Similarity score: 100.0%

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**Match #10 - Similarity: 100.0%**

Considering about the user there is a entity named shelter where it was managed or worked employees	Considering about the user there is a entity named shelter where it was managed or worked employees
in the adoption centres where they has spread over the country.	in the adoption centres where they has spread over the country.

Similarity score: 100.0%

---

**Match #11 - Similarity: 100.0%**

It can be a user as an adopter or willing to be an adopter so that there is an opportunity to	It can be a user as an adopter or willing to be an adopter so that there is an opportunity to
showcase the abilities of their pets or can watch the abilities of the pets and can be get a	showcase the abilities of their pets or can watch the abilities of the pets and can be get a
decision of think of the adoption.	decision of think of the adoption.

Similarity score: 100.0%

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**Match #12 - Similarity: 100.0%**

As an adopter there is a main service provide here that is can be get veterinary services under the	As an adopter there is a main service provide here that is can be get veterinary services under the
various vets supervision.	various vets supervision.

Similarity score: 100.0%

---

**Match #13 - Similarity: 100.0%**

1.1.2 Data Requirements Considering about these database it can be identified as basically 8	1.1.2 Data Requirements Considering about these database it can be identified as basically 8
entities and that was consistence with 2 weak entities also.	entities and that was consistence with 2 weak entities also.

Similarity score: 100.0%

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**Match #14 - Similarity: 100.0%**

Others are named as strong entities.	Others are named as strong entities.
--------------------------------------	--------------------------------------

Similarity score: 100.0%

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**Match #15 - Similarity: 100.0%**

All the entities and the attributes of the database is provided below.	All the entities and the attributes of the database is provided below.
------------------------------------------------------------------------	------------------------------------------------------------------------

Similarity score: 100.0%

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**Match #16 - Similarity: 100.0%**

Strong entities and attributes 1.

Strong entities and attributes 1.

Similarity score: 100.0%

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**Match #17 - Similarity: 100.0%**

User User\_ID Name Contact\_No Email Adress  
Reg\_Date 2.

User User\_ID Name Contact\_No Email Adress  
Reg\_Date 2.

Similarity score: 100.0%

---

**Match #18 - Similarity: 100.0%**

PET Pet\_ID User\_ID Pet\_Name Pet\_Type Age  
Date of birth Breed Availability 3.

PET Pet\_ID User\_ID Pet\_Name Pet\_Type Age  
Date of birth Breed Availability 3.

Similarity score: 100.0%

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**Match #19 - Similarity: 100.0%**

Transaction Trans\_ID User\_ID Vet\_ID Trans\_Date  
Amount Trans\_Type 4.

Transaction Trans\_ID User\_ID Vet\_ID Trans\_Date  
Amount Trans\_Type 4.

Similarity score: 100.0%

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**Match #20 - Similarity: 100.0%**

Financial Amount Trans\_ID User\_ID 5.

Financial Amount Trans\_ID User\_ID 5.

Similarity score: 100.0%

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**Match #21 - Similarity: 100.0%**

Event Event\_ID Event\_Name Event\_Date User\_ID  
Event\_Location 6.

Event Event\_ID Event\_Name Event\_Date User\_ID  
Event\_Location 6.

Similarity score: 100.0%

---

**Match #22 - Similarity: 100.0%**



Vetnary Vet_ID Vet_Name User_ID V_Date Pet_ID Medicine 7.
--------------------------------------------------------------

Vetnary Vet_ID Vet_Name User_ID V_Date Pet_ID Medicine 7.
--------------------------------------------------------------

Similarity score: 100.0%

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**Match #23 - Similarity: 100.0%**

Vet_Visit Vetvisit_ID Vet_ID Visit_Date Reason Vet_Name Pet_ID Weak entites and attributes 1.
--------------------------------------------------------------------------------------------------

Vet_Visit Vetvisit_ID Vet_ID Visit_Date Reason Vet_Name Pet_ID Weak entites and attributes 1.
--------------------------------------------------------------------------------------------------

Similarity score: 100.0%

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**Match #24 - Similarity: 100.0%**

Medical_History History_ID Pet_ID Pre_Date Details 2.
----------------------------------------------------------

Medical_History History_ID Pet_ID Pre_Date Details 2.
----------------------------------------------------------

Similarity score: 100.0%

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**Match #25 - Similarity: 100.0%**

Comments 2 Chapter 2 Conceptual Design Figure 1: Entity Relationship Diagram of the Pet Adoption
-----------------------------------------------------------------------------------------------------

Comments 2 Chapter 2 Conceptual Design Figure 1: Entity Relationship Diagram of the Pet Adoption
-----------------------------------------------------------------------------------------------------

Database Logical Design Figure 2: Logical Database Design 3 Chapter 4 Implementation 3.1 Create
-------------------------------------------------------------------------------------------------------

Database Logical Design Figure 2: Logical Database Design 3 Chapter 4 Implementation 3.1 Create
-------------------------------------------------------------------------------------------------------

the Data base Figure 3: create database 3.1.1 Create Tables Figure 4: create USER table Figure
---------------------------------------------------------------------------------------------------

the Data base Figure 3: create database 3.1.1 Create Tables Figure 4: create USER table Figure
---------------------------------------------------------------------------------------------------

5:Create User_Contact Table Figure 6:Create PET Table Figure 7: Create EVENT Table Figure 8: Create
-----------------------------------------------------------------------------------------------------------

5:Create User_Contact Table Figure 6:Create PET Table Figure 7: Create EVENT Table Figure 8: Create
-----------------------------------------------------------------------------------------------------------

Participate_Event Table Figure 9: Create VETANARY Table Figure 10: Create Get_Medicine Table Figure
-----------------------------------------------------------------------------------------------------------

Participate_Event Table Figure 9: Create VETANARY Table Figure 10: Create Get_Medicine Table Figure
-----------------------------------------------------------------------------------------------------------

11: Create Transaction Table Figure 12: Create Medical _History Table Figure 13: Create
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11: Create Transaction Table Figure 12: Create Medical _History Table Figure 13: Create
--------------------------------------------------------------------------------------------

History_Detail Table Figure 14: Create Shelter table Figure 15: Create financial table Figure 16:
------------------------------------------------------------------------------------------------------

History_Detail Table Figure 14: Create Shelter table Figure 15: Create financial table Figure 16:
------------------------------------------------------------------------------------------------------

Create vet_visit table Figure 17: Create visit_reason table Figure 18: Show all the created tables
----------------------------------------------------------------------------------------------------------

Create vet_visit table Figure 17: Create visit_reason table Figure 18: Show all the created tables
----------------------------------------------------------------------------------------------------------

3.1.2 Inserting Values Insert values to user Figure 19: Insert values to the USER Table (1) Figure	3.1.2 Inserting Values Insert values to user Figure 19: Insert values to the USER Table (1) Figure
20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:	20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:
Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to	Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to
Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into	Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into
Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values	Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values
of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas	of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas
into History_Detail table Figure 31: Insert values to Shelter table Figure 32: Insert values to	into History_Detail table Figure 31: Insert values to Shelter table Figure 32: Insert values to
Financial table Figure 33: Insert values to vet_visit table Figure 34: Insert values to	Financial table Figure 33: Insert values to vet_visit table Figure 34: Insert values to
vetvisit_reason table 3.1.3 Update Figure 35: Update USER Table Figure 36: Update User_Contact	vetvisit_reason table 3.1.3 Update Figure 35: Update USER Table Figure 36: Update User_Contact
table Figure 37: Update Pet table Figure 38: Update Event table Figure 39: Update Participate_Event	table Figure 37: Update Pet table Figure 38: Update Event table Figure 39: Update Participate_Event
table Figure 40: Update Vetanary table Figure 41: Update Get_Medicine table Figure 42: Update	table Figure 40: Update Vetanary table Figure 41: Update Get_Medicine table Figure 42: Update
Transaction table Figure 43: Update Medical_History table Figure 44: Update History_Detail table	Transaction table Figure 43: Update Medical_History table Figure 44: Update History_Detail table
Figure 45: Update Shelter table Figure 46: Update Finance table Figure 47: Update vet_visit table	Figure 45: Update Shelter table Figure 46: Update Finance table Figure 47: Update vet_visit table
Figure 48: Update vet_visit_reason table 3.1.4 Delete Figure 49: Delete in USER Figure 50:Delete in	Figure 48: Update vet_visit_reason table 3.1.4 Delete Figure 49: Delete in USER Figure 50:Delete in
USER_CONTACT Figure 51: Delete in PET Figure 52: Delete in EVENT Figure 53: Delete in	USER_CONTACT Figure 51: Delete in PET Figure 52: Delete in EVENT Figure 53: Delete in
Participate_Event Figure 54: Delete in Vetanary Figure 55: Delete in Get_Medicine Figure 56: Delete	Participate_Event Figure 54: Delete in Vetanary Figure 55: Delete in Get_Medicine Figure 56: Delete
in Transaction Figure 57: Delete in Medical_History Figure 58: Delete in History_Detail Figure 59:	in Transaction Figure 57: Delete in Medical_History Figure 58: Delete in History_Detail Figure 59:

Delete in Shelter Figure 60: Delete in Financial Figure 61: Delete in vet_vist Figure 62: Delete in	Delete in Shelter Figure 60: Delete in Financial Figure 61: Delete in vet_vist Figure 62: Delete in
vist_reason 3.2 Transaction 3.2.1 Simple queries 1.	vist_reason 3.2 Transaction 3.2.1 Simple queries 1.

Similarity score: 100.0%

#### Match #26 - Similarity: 100.0%

Retrieve al tuples from USER table Figure 63: Retrieve al tuples from USER table Figure 64:	Retrieve al tuples from USER table Figure 63: Retrieve al tuples from USER table Figure 64:
Retrieve data of user_id = U003 Figure 65: Find the pet_type of dogs Figure 66: Sorting the age by	Retrieve data of user_id = U003 Figure 65: Find the pet_type of dogs Figure 66: Sorting the age by
disending order Figure 67: like function Figure 68: COUNT THE ROWS OF USER Figure 69: Find the	disending order Figure 67: like function Figure 68: COUNT THE ROWS OF USER Figure 69: Find the
maximum Age Figure 70: SELECT the pet s age from 4 to 6 3.2.2 COMPLEX QUERIES 1.	maximum Age Figure 70: SELECT the pet s age from 4 to 6 3.2.2 COMPLEX QUERIES 1.

Similarity score: 100.0%

#### Match #27 - Similarity: 100.0%

Sum of the transaction Figure 71: Sum of the transaction Figure 72: DEVISION ( Find the user who	Sum of the transaction Figure 71: Sum of the transaction Figure 72: DEVISION ( Find the user who
has adopted and participate the event) Figure 73: Union Operation Figure 74: create a view and	has adopted and participate the event) Figure 73: Union Operation Figure 74: create a view and
union operation Figure 75: Aggrregation and Set Difference complex query Figure 76: Inner Join	union operation Figure 75: Aggrregation and Set Difference complex query Figure 76: Inner Join
Operation Figure 77: Inner Join And Left Outer Join Operation Figure 78: RIGTH OUTER JOIN Figure	Operation Figure 77: Inner Join And Left Outer Join Operation Figure 78: RIGTH OUTER JOIN Figure
79: FULL OUTER JOIN Figure 80: NATURAL JOIN Figure 81: OUTER UNION Figure 82: Nestedquery with	79: FULL OUTER JOIN Figure 80: NATURAL JOIN Figure 81: OUTER UNION Figure 82: Nestedquery with
Aggregation function and set difference Figure 83: Nested query with Join and Projection Figure 84:	Aggregation function and set difference Figure 83: Nested query with Join and Projection Figure 84:
Nested query with aggreation function and division 3.3 DATABASE TUNING 1.	Nested query with aggreation function and division 3.3 DATABASE TUNING 1.

Similarity score: 100.0%

**Match #28 - Similarity: 100.0%**

Tuning 1 (sum of the transactions) Figure 85:  
TUNING 1 (sum of the transactions) 2.

Tuning 1 (sum of the transactions) Figure 85:  
TUNING 1 (sum of the transactions) 2.

Similarity score: 100.0%

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**Match #29 - Similarity: 100.0%**

TUNING 2 (user whose has adopted and  
participated events) Figure 86: Tuning 2 (User  
Whose Has

TUNING 2 (user whose has adopted and  
participated events) Figure 86: Tuning 2 (User  
Whose Has

Adopted And Participated Events)(1) Figure 87:  
tuning 2 (user whose has adopted and participated

Adopted And Participated Events)(1) Figure 87:  
tuning 2 (user whose has adopted and participated

events)(2) 3.

events)(2) 3.

Similarity score: 100.0%

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**Match #30 - Similarity: 100.0%**

TUNING 3 (union of transactions underadoption  
and donations) Figure 88: TUNING 3 (Union Of

TUNING 3 (union of transactions underadoption  
and donations) Figure 88: TUNING 3 (Union Of

Transactions Underadoption And Donations)(1)  
Figure 89: TUNING 3 (union of transactions

Transactions Underadoption And Donations)(1)  
Figure 89: TUNING 3 (union of transactions

underadoption and donations)(2) 4.

underadoption and donations)(2) 4.

Similarity score: 100.0%

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**Match #31 - Similarity: 100.0%**

TUNING 4 (creation pf union of views) Figure 90:  
TUNING 4 (creation pf union of views) 5.

TUNING 4 (creation pf union of views) Figure 90:  
TUNING 4 (creation pf union of views) 5.

Similarity score: 100.0%

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**Match #32 - Similarity: 100.0%**

TUNING 5 (cont how many userswho have adopt  
more than one pet) Figure 91: TUNING 5 (cont how  
many

TUNING 5 (cont how many userswho have adopt  
more than one pet) Figure 91: TUNING 5 (cont how  
many

userswho have adopt more than one pet) 6.

userswho have adopt more than one pet) 6.

Similarity score: 100.0%

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**Match #33 - Similarity: 100.0%**

TUNING 6 Figure 92: Tunning 6 7.

TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 100.0%

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**Match #34 - Similarity: 100.0%**

TUNING 7 Figure 93: Tuning 7 8.

TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 100.0%

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**Match #35 - Similarity: 100.0%**

TUNING8 Figure 94: Tuning 8 9.

TUNING8 Figure 94: Tuning 8 9.

Similarity score: 100.0%

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**Match #36 - Similarity: 100.0%**

TUNING 9 Figure 95: tuning 9 10 .

TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 100.0%

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**Match #37 - Similarity: 100.0%**

TUNING 10 Figure 96: Tuning 10

TUNING 10 Figure 96: Tuning 10

Similarity score: 100.0%

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**Match #38 - Similarity: 85.71%**

TUNING 6 Figure 92: Tunning 6 7.

TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 85.71%

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**Match #39 - Similarity: 85.71%**

TUNING 7 Figure 93: Tuning 7 8.

TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 85.71%

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**Match #40 - Similarity: 85.25%**

TUNING 7 Figure 93: Tuning 7 8.

TUNING8 Figure 94: Tuning 8 9.

Similarity score: 85.25%

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**Match #41 - Similarity: 85.25%**

TUNING8 Figure 94: Tuning 8 9.

TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 85.25%

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**Match #42 - Similarity: 83.87%**

TUNING 6 Figure 92: Tunning 6 7.

TUNING8 Figure 94: Tuning 8 9.

Similarity score: 83.87%

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**Match #43 - Similarity: 83.87%**

TUNING8 Figure 94: Tuning 8 9.

TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 83.87%

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**Match #44 - Similarity: 82.54%**

TUNING 9 Figure 95: tuning 9 10 .

TUNING 10 Figure 96: Tuning 10

Similarity score: 82.54%

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**Match #45 - Similarity: 82.54%**

TUNING 10 Figure 96: Tuning 10

TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 82.54%

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**Match #46 - Similarity: 81.97%**

TUNING 7 Figure 93: Tuning 7 8.

TUNING 10 Figure 96: Tuning 10

Similarity score: 81.97%

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**Match #47 - Similarity: 81.97%**

TUNING 10 Figure 96: Tuning 10

TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 81.97%

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**Match #48 - Similarity: 81.25%**

TUNING 7 Figure 93: Tuning 7 8.

TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 81.25%

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**Match #49 - Similarity: 81.25%**

TUNING 9 Figure 95: tuning 9 10 .

TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 81.25%

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**Match #50 - Similarity: 80.65%**

TUNING 6 Figure 92: Tunning 6 7.

TUNING 10 Figure 96: Tuning 10

Similarity score: 80.65%

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**Match #51 - Similarity: 80.65%**

TUNING 10 Figure 96: Tuning 10

TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 80.65%

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**Match #52 - Similarity: 80.0%**

TUNING 6 Figure 92: Tunning 6 7.

TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 80.0%

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**Match #53 - Similarity: 80.0%**

TUNING8 Figure 94: Tuning 8 9.

TUNING 10 Figure 96: Tuning 10

Similarity score: 80.0%

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**Match #54 - Similarity: 80.0%**

TUNING 9 Figure 95: tuning 9 10 .

TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 80.0%

**Match #55 - Similarity: 80.0%**

TUNING 10 Figure 96: Tuning 10

TUNING8 Figure 94: Tuning 8 9.

Similarity score: 80.0%

**Match #56 - Similarity: 79.37%**

TUNING8 Figure 94: Tuning 8 9.

TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 79.37%

**Match #57 - Similarity: 79.37%**

TUNING 9 Figure 95: tuning 9 10 .

TUNING8 Figure 94: Tuning 8 9.

Similarity score: 79.37%

**Match #58 - Similarity: 60.11%**

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	1.1.1 Functional Requirements During this project it is clearly understand whether the relationship
	has build up upon the pet adoption centre.

Similarity score: 60.11%

