Assignment Similarity Detection Report

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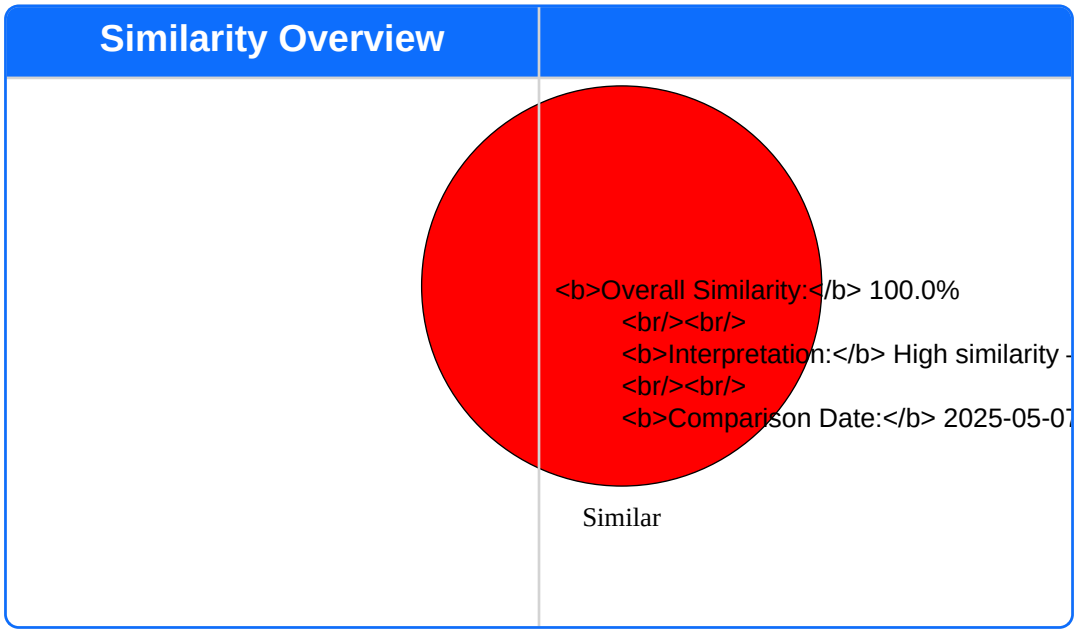
Similarity Overview



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	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	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

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maximum Age Figure 70: SELECT the pet s age from 4 to 6 Figure 71: Sum of the transaction Figure
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query Figure 76: Inner Join Operation Figure 77: Inner Join And Left Outer Join Operation Figure
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Figure 82: Nestedquery with Aggregation function and set difference Figure 83: Nested query with
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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
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
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
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%

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%

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%

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
dicision of think of the adoption.	dicision of think of the adoption.

Similarity score: 100.0%

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%

Match #14 - Similarity: 100.0%

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

Similarity score: 100.0%

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%

Match #16 - Similarity: 100.0%

Strong entities and attributes 1.	Strong entities and attributes 1.

Similarity score: 100.0%

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%

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%

Match #20 - Similarity: 100.0%

Financial Amount Trans_ID User_ID 5.	Financial Amount Trans_ID User_ID 5.

Similarity score: 100.0%

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%

Vetanary Vet_ID Vet_Name User_ID V_Date Pet_ID Medicine 7.	Vetanary Vet_ID Vet_Name User_ID V_Date Pet_ID Medicine 7.

Similarity score: 100.0%

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%

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%

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
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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
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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%

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%

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%

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%

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%

Match #33 - Similarity: 100.0%

TUNING 6 Figure 92: Tunning 6 7.	TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 100.0%

Match #34 - Similarity: 100.0%

TUNING 7 Figure 93: Tuning 7 8.	TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 100.0%

Match #35 - Similarity: 100.0%

TUNING8 Figure 94: Tuning 8 9.	TUNING8 Figure 94: Tuning 8 9.

Similarity score: 100.0%

Match #36 - Similarity: 100.0%

TUNING 9 Figure 95: tuning 9 10 .	TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 100.0%

Match #37 - Similarity: 100.0%

TUNING 10 Figure 96: Tuning 10	TUNING 10 Figure 96: Tuning 10

Similarity score: 100.0%

Match #38 - Similarity: 85.71%

TUNING 6 Figure 92: Tunning 6 7.	TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 85.71%

Match #39 - Similarity: 85.71%

TUNING 7 Figure 93: Tuning 7 8.	TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 85.71%

Match #40 - Similarity: 85.25%

TUNING 7 Figure 93: Tuning 7 8.	TUNING8 Figure 94: Tuning 8 9.

Similarity score: 85.25%

Match #41 - Similarity: 85.25%

TUNING8 Figure 94: Tuning 8 9.	TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 85.25%

Match #42 - Similarity: 83.87%

TUNING 6 Figure 92: Tunning 6 7.	TUNING8 Figure 94: Tuning 8 9.

Similarity score: 83.87%

Match #43 - Similarity: 83.87%

TUNING8 Figure 94: Tuning 8 9.	TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 83.87%

Match #44 - Similarity: 82.54%

TUNING 9 Figure 95: tuning 9 10 .	TUNING 10 Figure 96: Tuning 10

Similarity score: 82.54%

Match #45 - Similarity: 82.54%

TUNING 10 Figure 96: Tuning 10	TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 82.54%

Match #46 - Similarity: 81.97%

TUNING 7 Figure 93: Tuning 7 8.	TUNING 10 Figure 96: Tuning 10

Similarity score: 81.97%

Match #47 - Similarity: 81.97%

TUNING 10 Figure 96: Tuning 10	TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 81.97%

Match #48 - Similarity: 81.25%

TUNING 7 Figure 93: Tuning 7 8.	TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 81.25%

Match #49 - Similarity: 81.25%

TUNING 9 Figure 95: tuning 9 10 .	TUNING 7 Figure 93: Tuning 7 8.

Similarity score: 81.25%

Match #50 - Similarity: 80.65%

TUNING 6 Figure 92: Tunning 6 7.	TUNING 10 Figure 96: Tuning 10

Similarity score: 80.65%

Match #51 - Similarity: 80.65%

TUNING 10 Figure 96: Tuning 10	TUNING 6 Figure 92: Tunning 6 7.

Similarity score: 80.65%

Match #52 - Similarity: 80.0%

TUNING 6 Figure 92: Tunning 6 7.	TUNING 9 Figure 95: tuning 9 10 .

Similarity score: 80.0%

Match #53 - Similarity: 80.0%

TUNING8 Figure 94: Tuning 8 9.	TUNING 10 Figure 96: Tuning 10

Similarity score: 80.0%

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%

Comments 2 Chapter 2 Conceptual Design Figure 1: Entity Relationship Diagram of the Pet Adoption	DATABASE SYSTEMS MINI PROJECT A Report Submitted to the Department of Electrical and Information
Database Logical Design Figure 2: Logical Database Design 3 Chapter 4 Implementation 3.1 Create	Engineering Faculty of Engineering University of Ruhuna Sri Lanka on 9th of April 2024 In
the Data base Figure 3: create database 3.1.1 Create Tables Figure 4: create USER table Figure	completing an assignment for the module ECE 4350 Database Systems By EG/2021/4432 : BANDARA KMTON
5:Create User_Contact Table Figure 6:Create PET Table Figure 7: Create EVENT Table Figure 8: Create	EG/2021/4433 : BANDARA LRTD TABLE OF CONTENT 1 Part A Relational Database 1.1 Chapter 1 Requirement
Participate_Event Table Figure 9: Create VETANARY Table Figure 10: Create Get_Medicine Table Figure	Analysis 4 4 1.1.1 Functional Requirements 4 1.1.2 Data Requirements 5 2 Chapter 2 Conceptual
11: Create Transaction Table Figure 12: Create Medical _History Table Figure 13: Create	Design 7 3 Chapter 4 Implementation 9 Create the Data base 9 3.1.1 Create Tables 9 3.1.2

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

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

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

3.2.2 COMPLEX QUERIES 43 3.3 DATABASE TUNING 51 TABLE OF FIGURES Figure 1: Entity Relationship

3.1.2 Inserting Values Insert values to user Figure 19: Insert values to the USER Table (1) Figure

Diagram of the Pet Adoption Database Figure 2: Logical Database Design Figure 3: create database

20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:

Figure 4: create USER table Figure 5:Create User_Contact Table Figure 6:Create PET Table 10 10

Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to

Figure 7: Create EVENT Table Figure 8: Create Participate_Event Table Figure 9: Create VETANARY

Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into

Table Figure 10: Create Get_Medicine Table Figure 11: Create Transaction Table Figure 12: Create

Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values

Medical _History Table Figure 13: Create History_Detail Table Figure 14: Create Shelter table

of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas

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table Figure 18: Show all the created tables Figure 19: Insert values to the USER Table (1) Figure

Financial table Figure 33: Insert values to vet_visit table Figure 34: Insert values to

20: Show all the data of USER Table Figure 21: Inserted values to User_Contact table Figure 22:

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Insert data to PET Table Figure 23: Insert values of EVENT Table Figure 24: Insert values to

table Figure 37: Update Pet table Figure 38: Update Event table Figure 39: Update Participate_Event

Participate_Event Table Figure 25: Insert values into Vetanary table Figure 26: Insert data into

table Figure 40: Update Vetanary table Figure 41: Update Get_Medicine table Figure 42: Update

Get_Medicine Table Figure 27: Insert values in to transaction table Figure 28: Show all the values

Transaction table Figure 43: Update Medical_History table Figure 44: Update History_Detail table

of Transaction table Figure 29: Insert values into Medicine_History table Figure 30: Insert datas

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	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)
	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
	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
	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
	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%

Match #59 - Similarity: 55.0%

Event Event_ID Event_Name Event_Date User_ID Event_Location 6.	Vetanary Vet_ID Vet_Name User_ID V_Date Pet_ID Medicine 7.

Similarity score: 55.0%

Match #60 - Similarity: 54.67%

In these database it was used the MySql to represent the physical structure of the database on	here used the conceptual database model while these process it has converted the conceptual
Pet_-Adoption.	representation into the logical structure of database through the normalization process.

Similarity score: 54.67%

Match #61 - Similarity: 52.43%

All the entities and the attributes of the database is provided below.	Strong entities and attributes 1.

Similarity score: 52.43%

Match #62 - Similarity: 52.43%

Strong entities and attributes 1.	All the entities and the attributes of the database is provided below.

Similarity score: 52.43%

Highlighting Legend

75-100% Similarity (High) 50-74% Similarity (Medium) 25-49% Similarity (Low) 0-24% Similarity (Minimal)

tlab.graphics.shapes.<Report object at 0x0000023ABF59

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