

# TO-DO List

## **Inserting and Modification of Records**

1. Insertion and Modification of Animal Record (Table: Animal)
2. Record and Modify Animal Adoption with Customer (Table: Adopt)
3. Record and Modify Animal Fostering with Customer (Table: Foster)
4. Record and Modify Animal Injuries (Table: Injury)
5. Insertion and Modification of Customer Record (Table: Customer)
6. Insertion and Modification of Volunteer Record (Table: Volunteer)
7. Record and Modify Volunteer's Timings (Table: Volunteer\_Timings)
8. Record and Modify Volunteer taking care of Animal (Table: Takes\_Care)
9. Insertion and Modification of Donation Record (Table: Donations)
10. Record and Modify Donation spent on Animal (Table: Spending)
11. For the Modification of above Records, a search feature should be implemented to find a specific record, if the record does not have key attributes, then the search feature should be based of other attributes and should show the result in the order of recently modified first. Tables with Key attributes can also be searched with this method

*During the Insertion of new records, the program should generate unique key attributes where required, I.e 1,5,6,9*

## **Deletion of Records**

12. Delete Animal from the database and its subsequent Adoption Fostering and Injury Records, other records involving this animal should not be deleted  
( Delete: Animal  
Cascade: Adopt, Foster, Injury  
Set Default/Null: Spending, Takes\_Care )
13. Delete Customer Record but KEEP Fostering and Injury Records  
( Delete: Customer  
Set Default/Null: Foster, Injury)
14. Delete Volunteer Record and its subsequent Volunteer\_timings record but keep other records involving the volunteer  
( Delete: Volunteer  
Cascade: Volunteer\_Timings  
Set Default/NULL: Takes\_Care)
15. Delete Donation Record but KEEP the spending record  
( Delete: Donation  
Set Default/NULL: Spending )
16. Delete Spending Record

17. Delete Takes\_Care Record
18. Delete Injury Record
19. Delete Adoption Record
20. Delete Foster Record
21. Delete Volunteer Timing Record

*from 14-20 Deletion of these records wont affect any other table*

22. Deletion of Both Donation and Animal record will result in the deletion of the related Spending record
23. Deletion of Both Volunteer and Animal record will result in the deletion of the related Takes\_Care record

### **Viewing Data**

24. Display List of Animal Records from this list a record can be picked for viewing in 28
25. Display List of Customer Records from this list a record can be picked for viewing in 29
26. Display List of Volunteer Records from this list a record can be picked for viewing in 30
27. Display List of Donation Records from this list a record can be picked for viewing in 31
28. Search and Display An Animal Record and show its corresponding Adopt, Foster, Spending, Takes\_Care and Injury Records also Show the total time it was taken care of by Any Volunteer
29. Search and Display A Customer Record and show corresponding Adopt and Foster Records
30. Search and Display A Volunteer Record and show corresponding Volunteer\_Timing and Takes\_Care Records, also show the total Hours of Volunteer\_Timing and The Total time the volunteer spent taking care of an Individual Animal
31. Search and Display Donation Record and show corresponding Spending Records

### **Other Function**

32. When the program is first launched, create a database and prompt user to create a password and store it
33. When the program starts if the Database and Password is saved, prompt user to Input the password and give access.

### **New Functions**

- 34.