

CS 306 Term Project Phase 4

We created a connection with mogodb. Then we created two collections which are related with our e commerce project but new. Favorites and wantlist. Then we populated these two collections with dummy data. Then we created a interface in python that will ask inputs from user in terminal. Screen shoots of our interface is below.

Task 1: Create Collection

```
Welcome to Review Portal!
Please enter your user id:
28914
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
1
Please enter the collection name you want to create:
dummyCollection
Collection 'dummyCollection' created.
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
1
Please enter the collection name you want to create:
collectionDummy
Collection 'collectionDummy' created.
```

Task 2: Read All Data

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
2
Please enter the collection name to read all data:
favorites
{'_id': ObjectId('658602e69ddc7a54fbddcf1'), 'customer_id': '1', 'costumer_name': 'john doe', 'items': [{'item_name': 'book'}, {'item_name': 'sword'}], 'order_items': 'book'}
{'_id': ObjectId('658602e69ddc7a54fbddcf2'), 'customer_id': '2', 'costumer_name': 'sarah jones', 'items': [{'item_name': 'Lord Of the Rings book'}, {'item_name': 'Gta 6'}, {'item_name': 'ligh saber'}]}
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
2
Please enter the collection name to read all data:
wantlist
{'_id': ObjectId('658602e69ddc7a54fbddcf1'), 'customer_id': '1', 'costumer_name': 'john doe', 'items': [{'item_name': 'Burger'}, {'item_name': 'Fries'}, {'item_name': 'Soda'}]}
{'_id': ObjectId('658602e69ddc7a54fbddcf2'), 'customer_id': '2', 'costumer_name': 'sarah jones', 'items': [{'item_name': 'Lord Of the Rings book'}, {'item_name': 'Gta 6'}, {'item_name': 'ligh saber'}]}
```

Task 3: Read Some Data

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
3
Please enter the collection name to filter data:
favorites
Please enter the item name to filter:
sword
{'_id': ObjectId('658602e69ddc7a54fbddcf1'), 'customer_id': '1', 'costumer_name': 'john doe', 'items': [{'item_name': 'book'}, {'item_name': 'sword'}], 'order_items': 'book'}
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
3
Please enter the collection name to filter data:
wantlist
Please enter the item name to filter:
Gta 6
{'_id': ObjectId('658602e69ddc7a54fbddcf2'), 'customer_id': '2', 'costumer_name': 'sarah jones', 'items': [{'item_name': 'Lord Of the Rings book'}, {'item_name': 'Gta 6'}, {'item_name': 'ligh saber'}]}
```

Task 4: Insert Data

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
4
Please select the collection you want to insert data:
1- Favorites
2- Wanted list
1
Please enter the data fields:
costumer_id: 1
costumer_name: ali
Enter item name (or 'done' to finish): ligh saber
Enter item name (or 'done' to finish): car
Enter item name (or 'done' to finish): done
Insertion successfully completed
Inserted document ID: 65969ca05495628a423da18b
The data was successfully inserted!
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
4
Please select the collection you want to insert data:
1- Favorites
2- Wanted list
2
Please enter the data fields:
costumer_id: 1
costumer_name: mehmet
Enter item name (or 'done' to finish): baloon
Enter item name (or 'done' to finish): pencil
Enter item name (or 'done' to finish): apple
Enter item name (or 'done' to finish): done
Insertion successfully completed
Inserted document ID: 65969cee5495628a423da18c
The data was successfully inserted!
```

Task 5: Delete Data

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
5
Please enter the collection name to delete data:
favorites
Please select delete option (id/item):
item
Please enter the record name to delete:
Gta 6
Successfully deleted 1 record that contains Gta 6
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
5
Please enter the collection name to delete data:
wantlist
Please select delete option (id/item):
item
Please enter the record name to delete:
Burger
Successfully deleted 1 record that contains Burger
```

Task 6: Update Data

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
6
Please enter the collection name to update data:
favorites
Please enter the record ID to update:
1
Please enter the new item
Enter item name (or 'done' to finish): tardis
Enter item name (or 'done' to finish): bird
Enter item name (or 'done' to finish): wand
Enter item name (or 'done' to finish): done
Successfully updated order_list for record with ID 1
```

```
What would you like to do next?
Please pick the option that you want to proceed.
1- Create a collection.
2- Read all data in a collection.
3- Read some part of the data while filtering.
4- Insert data.
5- Delete data.
6- Update data.
Selected option:
6
Please enter the collection name to update data:
wantlist
Please enter the record ID to update:
2
Please enter the new item
Enter item name (or 'done' to finish): happiness
Enter item name (or 'done' to finish): future
Enter item name (or 'done' to finish): done
Successfully updated order_list for record with ID 2
```

İbrahim Mahir Akbaş ---- 29492

Bora Urasoğlu ----- 27775

Ufuk Ulaş Tokat ----- 28914

Aksel Dindisyan ----- 32109

Hüseyin Berke Fırat ----- 29011