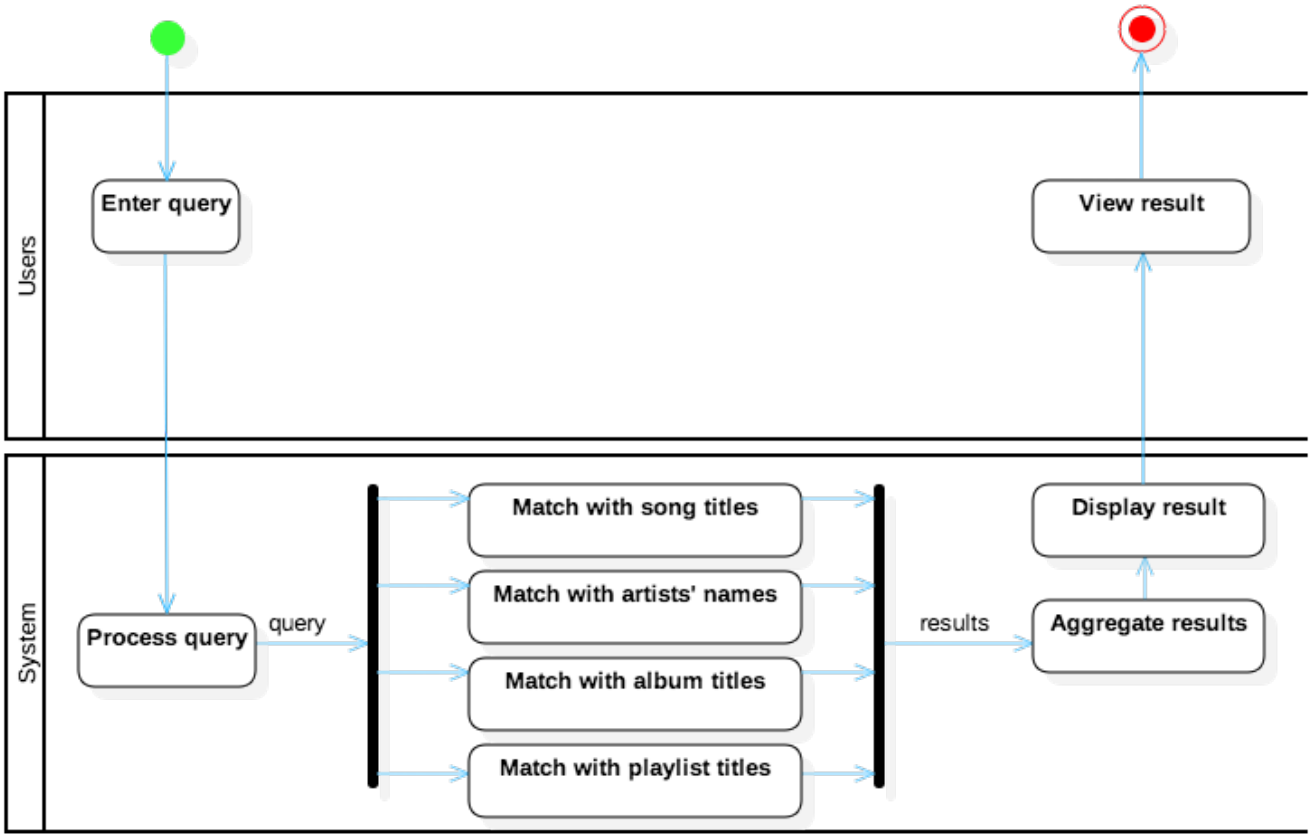
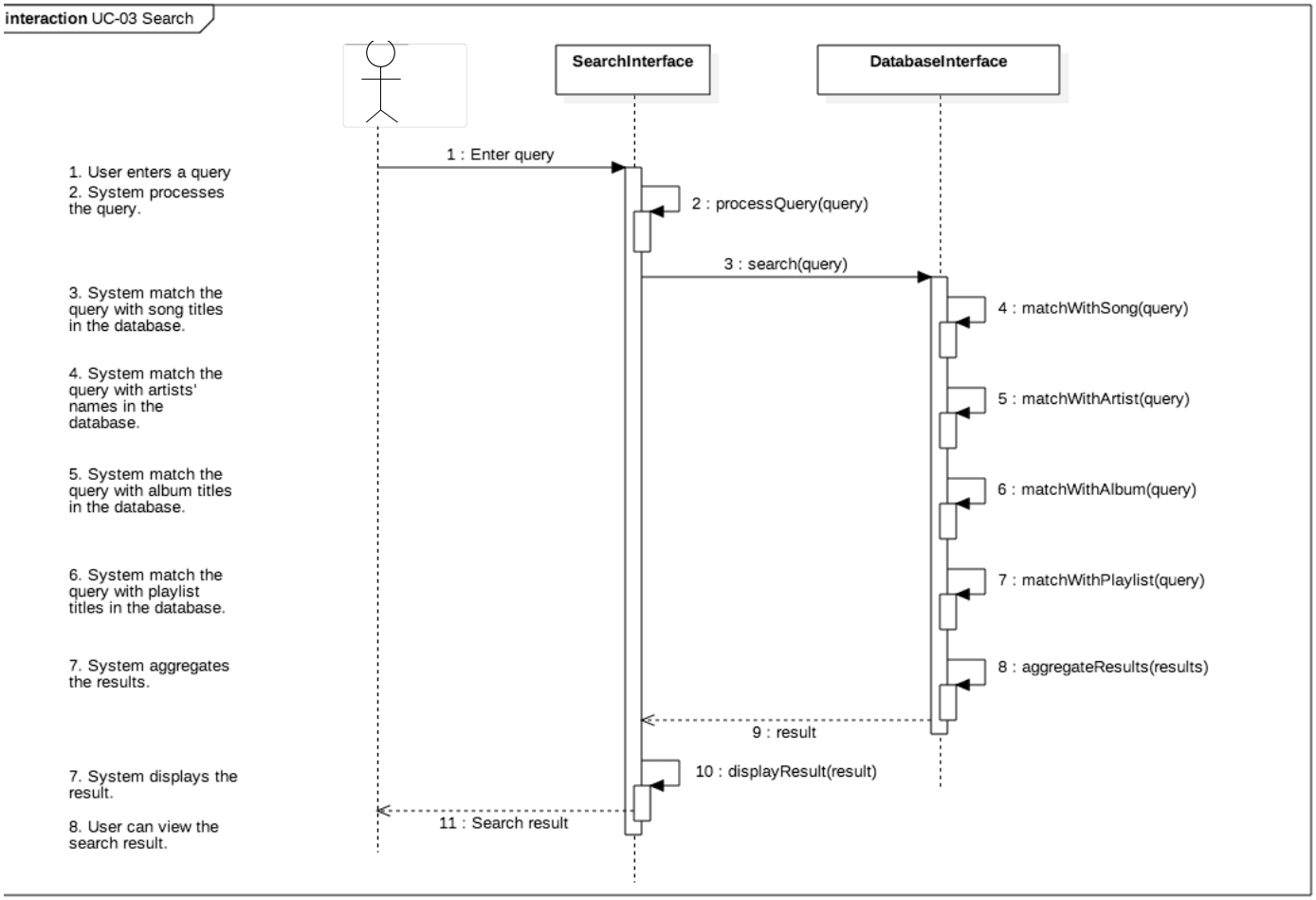
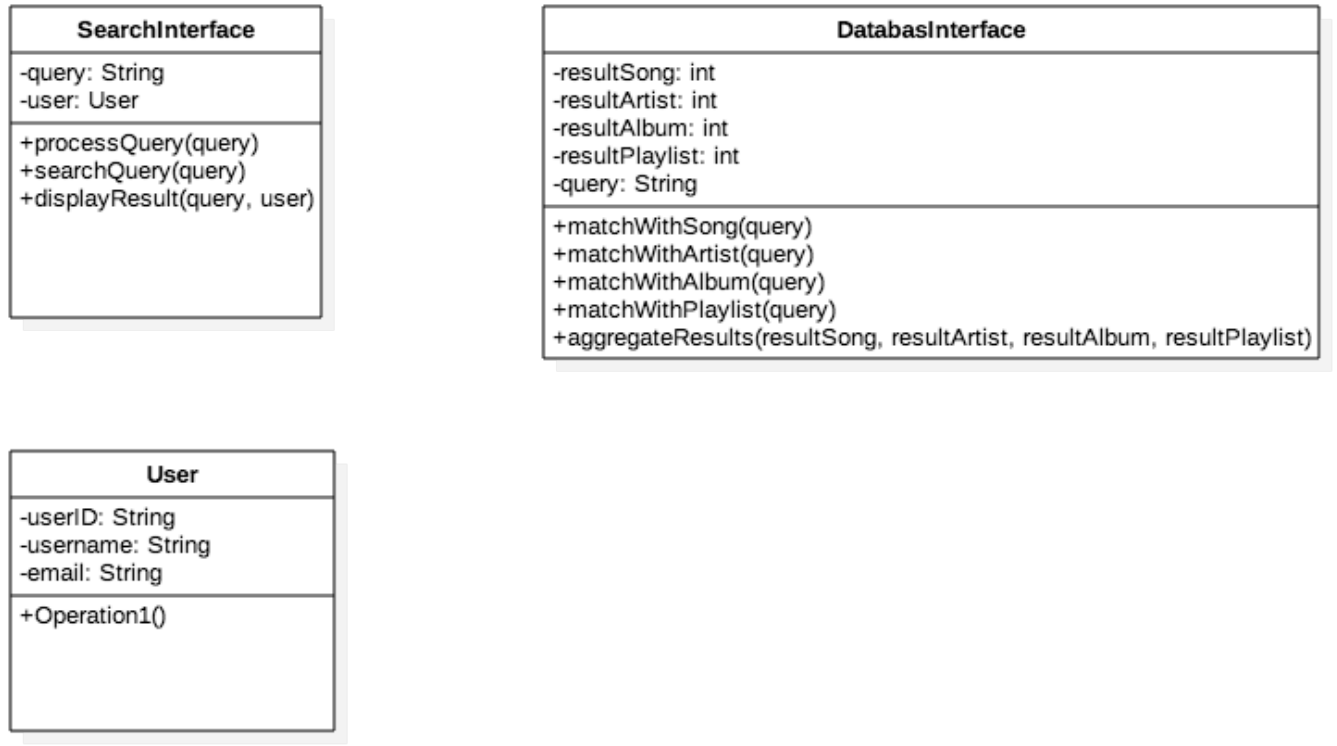
Use Case ID:	UC-03
Use Case Name:	Search
Description:	Users can search songs, albums, artists and playlists

Actors:	Users		
Pre-conditions:	User is logged in.		
Post-conditions:	User has a search result.		
Frequency of Use:	Daily		
Flow of Events:		**Actor Action**	**System Response**
	1	Enter query	Process the query.
	2		Match the query with song titles in the database.
	3		Match the query with artists' names in the database.
	4		Match the query with album titles in the database.
	5		Match the query with playlist titles in the database.
	6		Aggregates the results.
	7	View the search result	Display the result.
Variations:			
Exceptions:			
Developer Notes:			

UC-03 Search


Users
Enter query
View result
System
Process query
query
Match with song titles
Match with artists' names
Match with album titles
Match with playlist titles
results
Display result
Aggregate results


interaction UC-03 Search
SearchInterface
DatabaseInterface
1 : Enter query
2 : processQuery(query)
3 : search(query)
4 : matchWithSong(query)
5 : matchWithArtist(query)
6 : matchWithAlbum(query)
7 : matchWithPlaylist(query)
8 : aggregateResults(results)
9 : result
10 : displayResult(result)
11 : Search result
1. User enters a query
2. System processes the query.
3. System match the query with song titles in the database.
4. System match the query with artists' names in the database.
5. System match the query with album titles in the database.
6. System match the query with playlist titles in the database.
7. System aggregates the results.
7. System displays the result.
8. User can view the search result.

Not complete….

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