

MMLS R1

Team 4

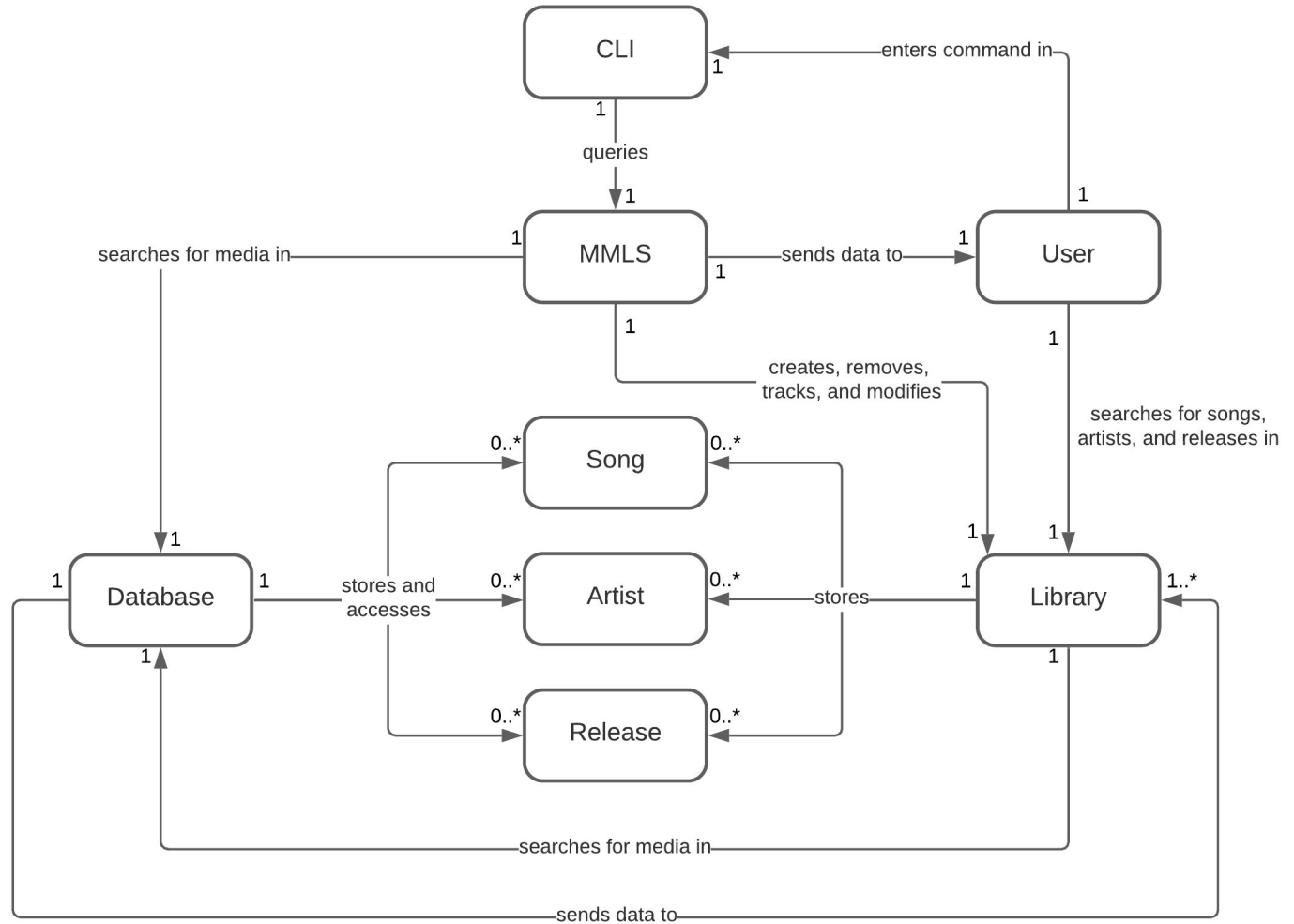
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Product Summary

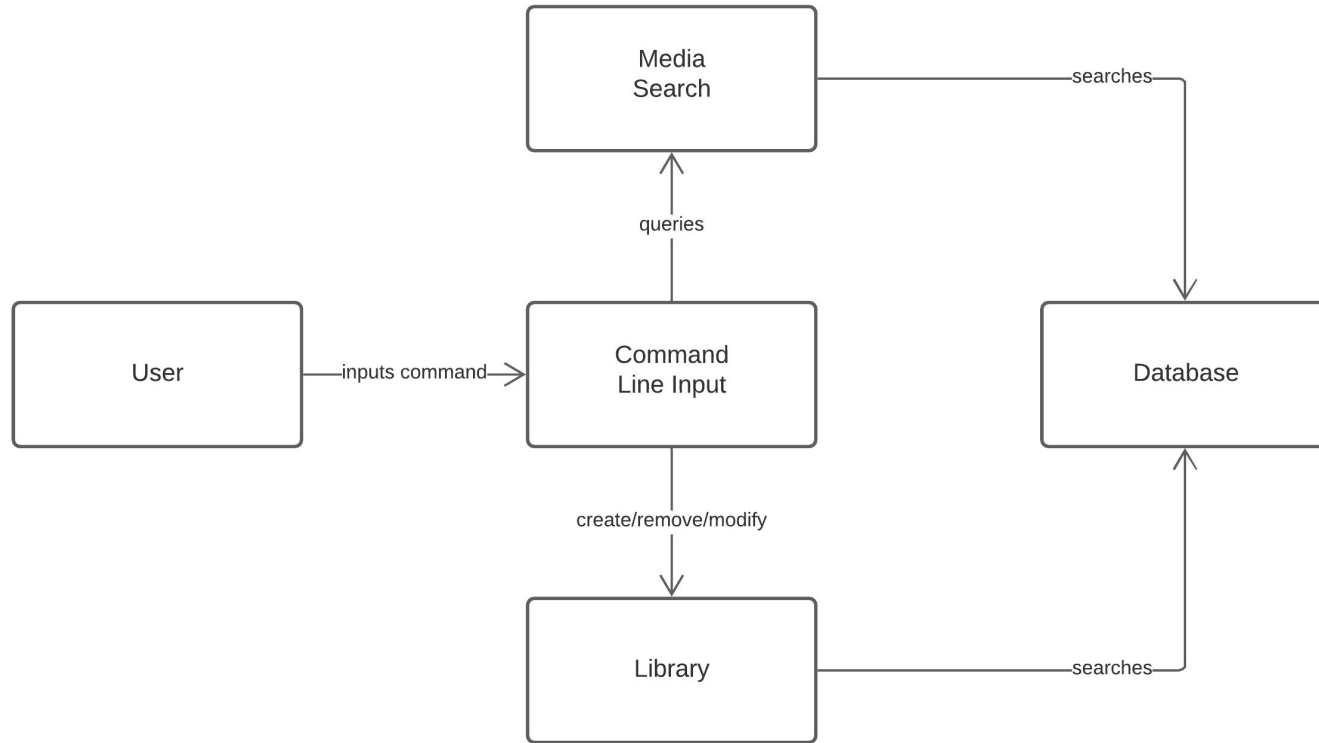
Key responsibilities:

1. Provide an interface where users can enter requests
2. Provide a searchable database of all music (csv files)
3. Persist user's personal library

Domain Model



System Architecture



Patterns implemented and why..?

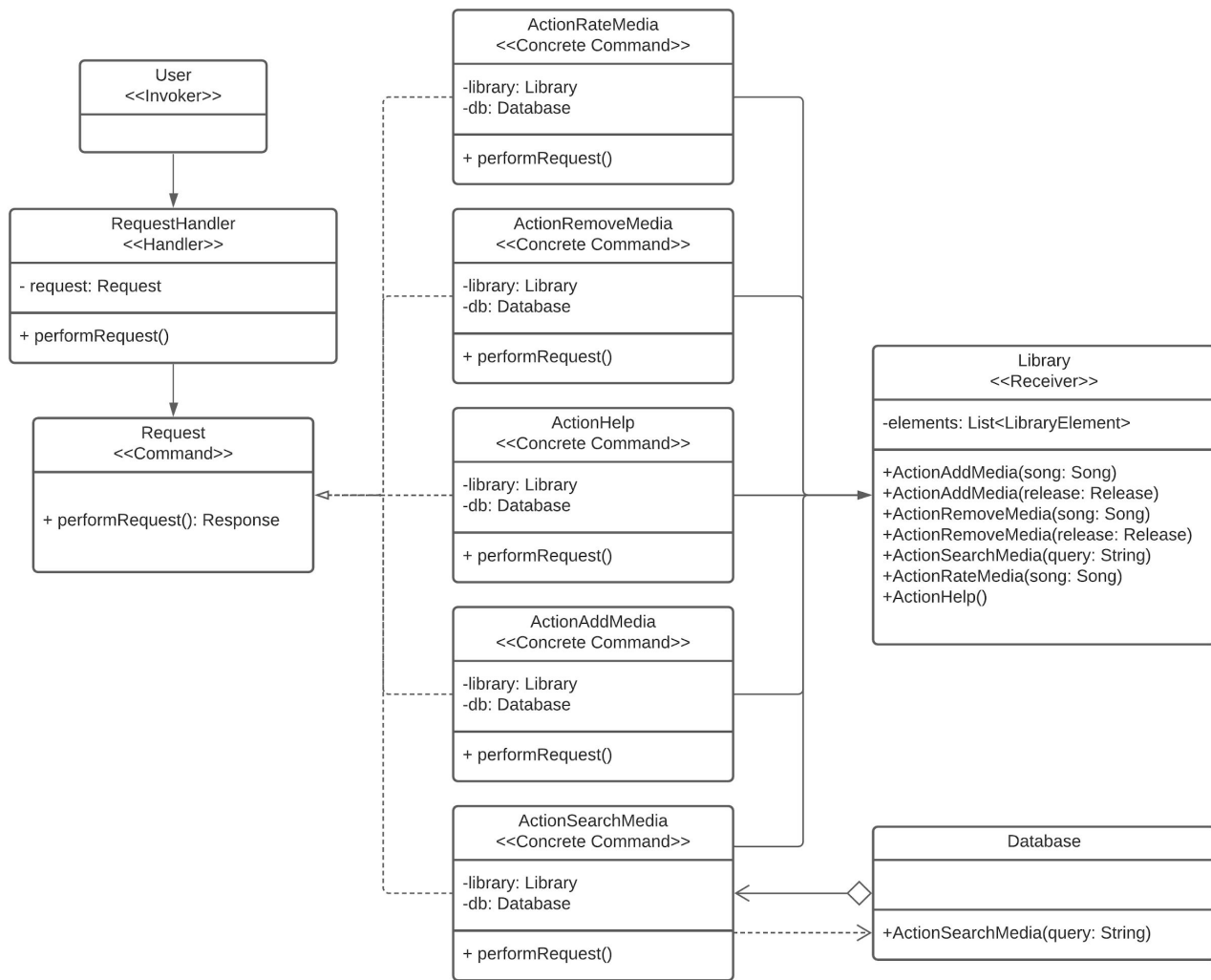
Command Pattern: User Input has a variety

Composite Pattern: Library system works like a tree

Strategy Pattern: Search feature offers unique searches

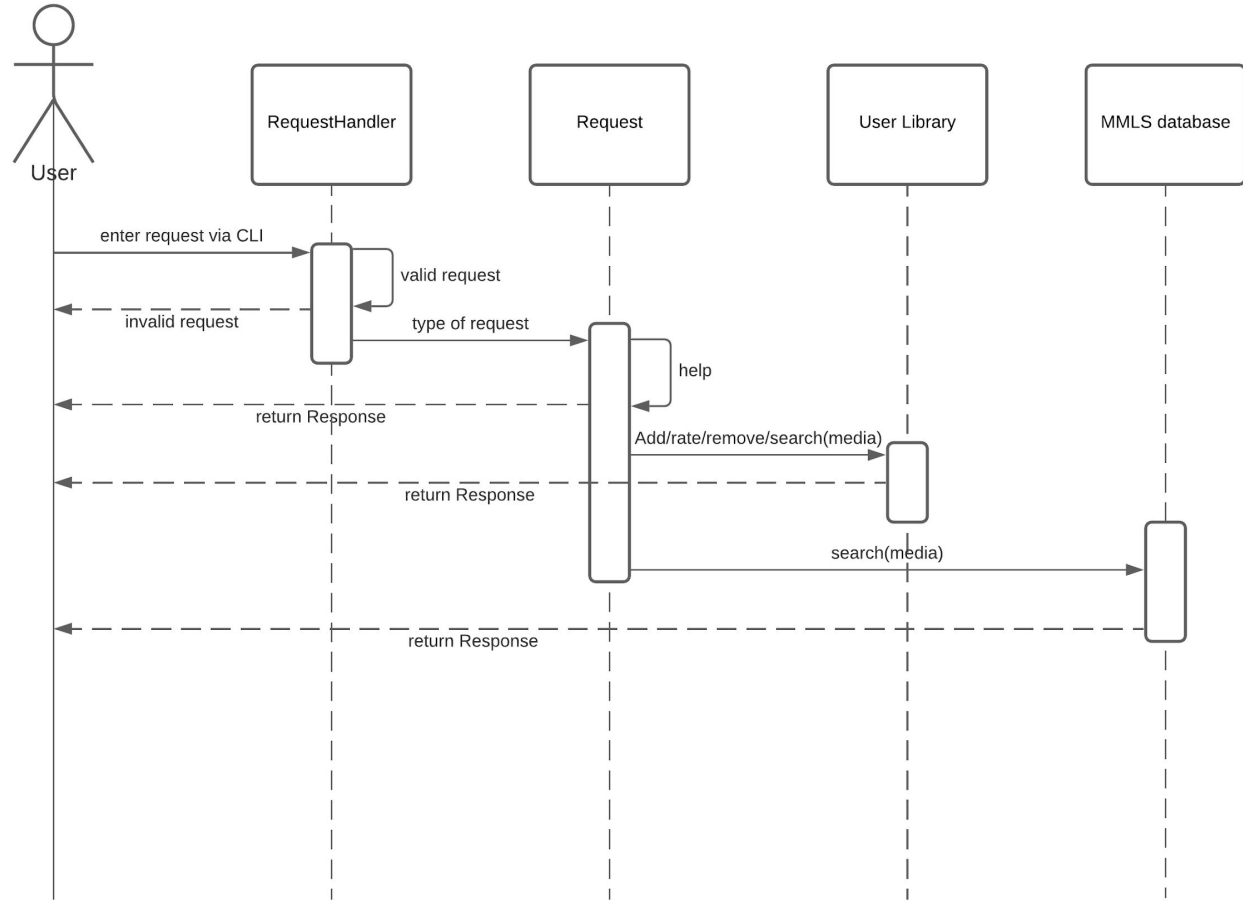
Command Pattern

Class Structure Diagram



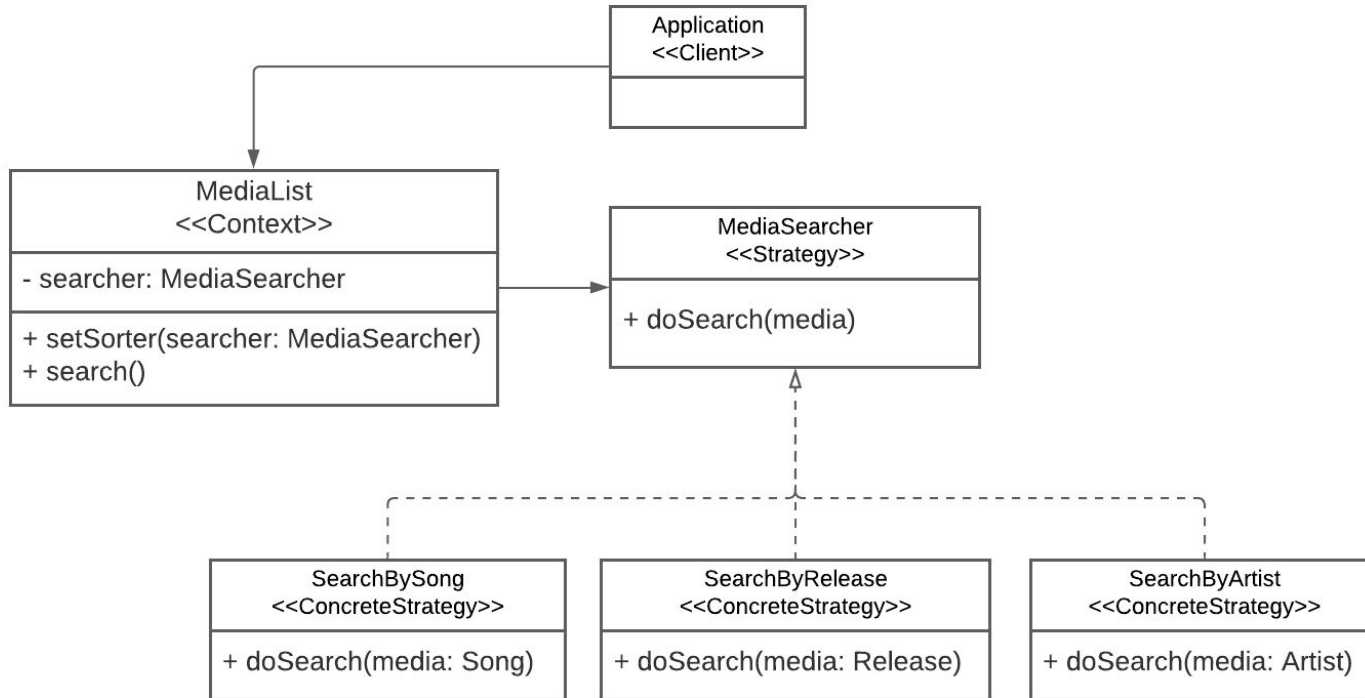
Command Pattern

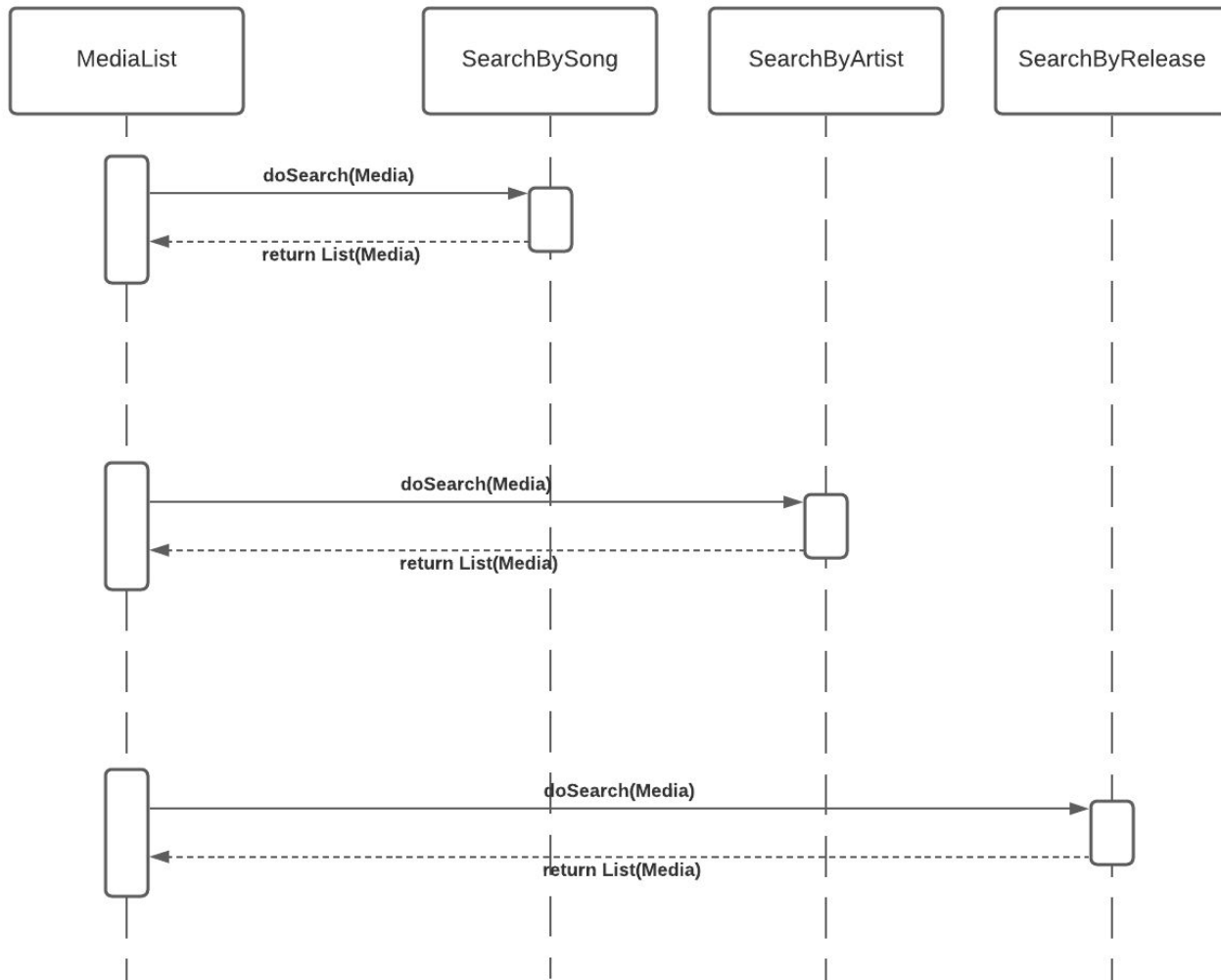
Sequence Diagram



Strategy Pattern

Class Structure Diagram



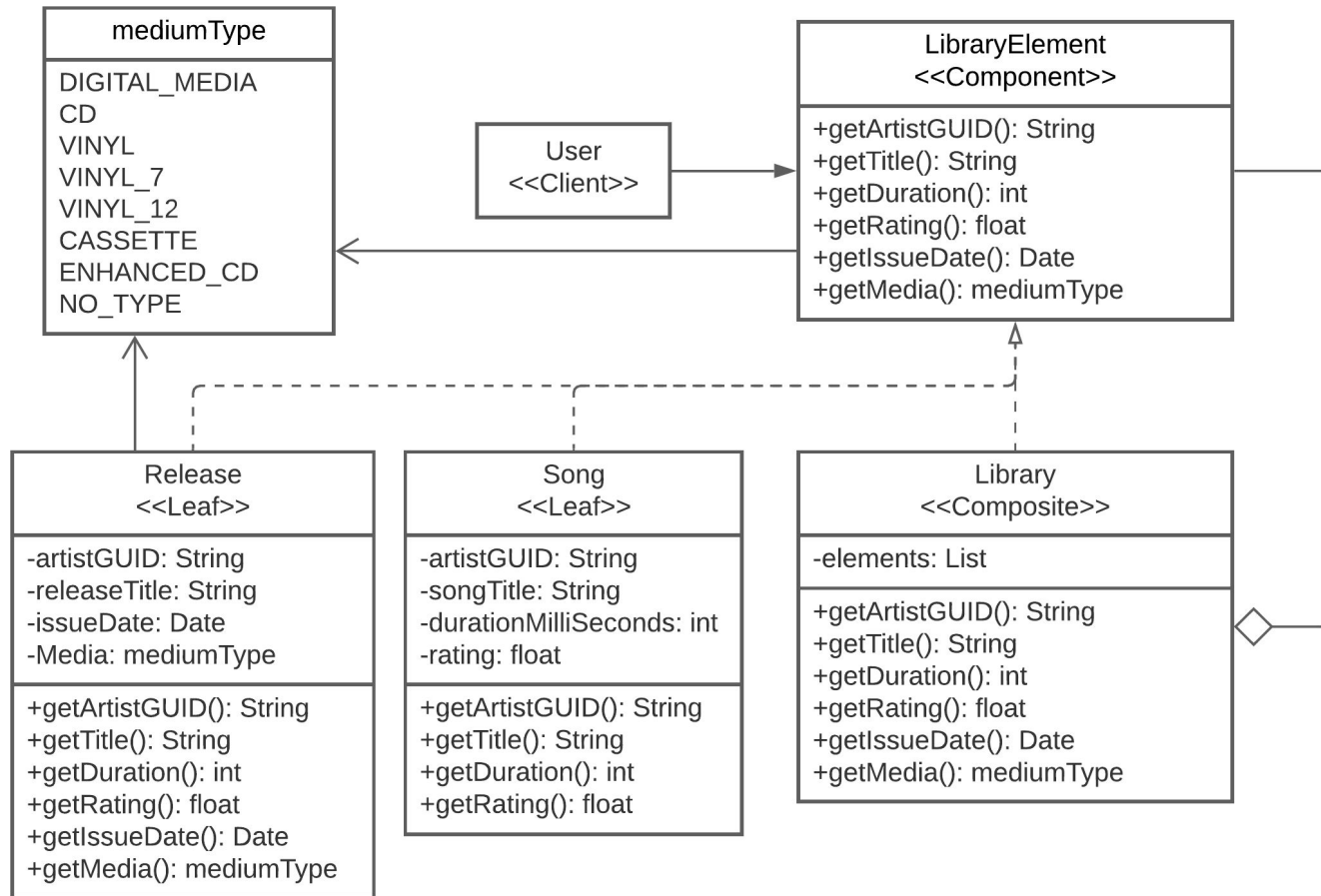


Strategy Pattern

Sequence Diagram

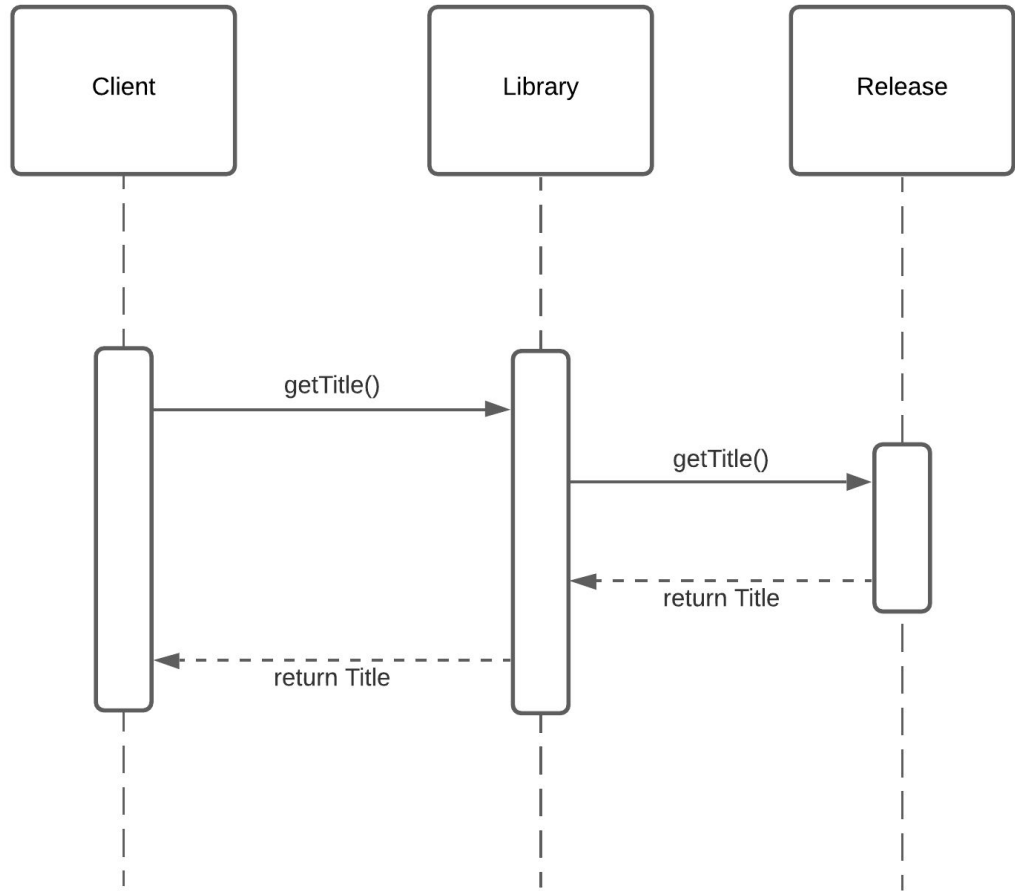
Composite Pattern

Class Structure Diagram



Composite Pattern

Sequence Diagram



Summary

Teamwork can be improved

Greater understanding towards patterns being implemented

Heightened knowledge towards using and implementing interfaces and super classes

Strategy Pattern to be perfected

Questions? Comments? Concerns?
Personal queries? Other feedback?
etc...