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SOEN 387 - A3  
Fall 2019

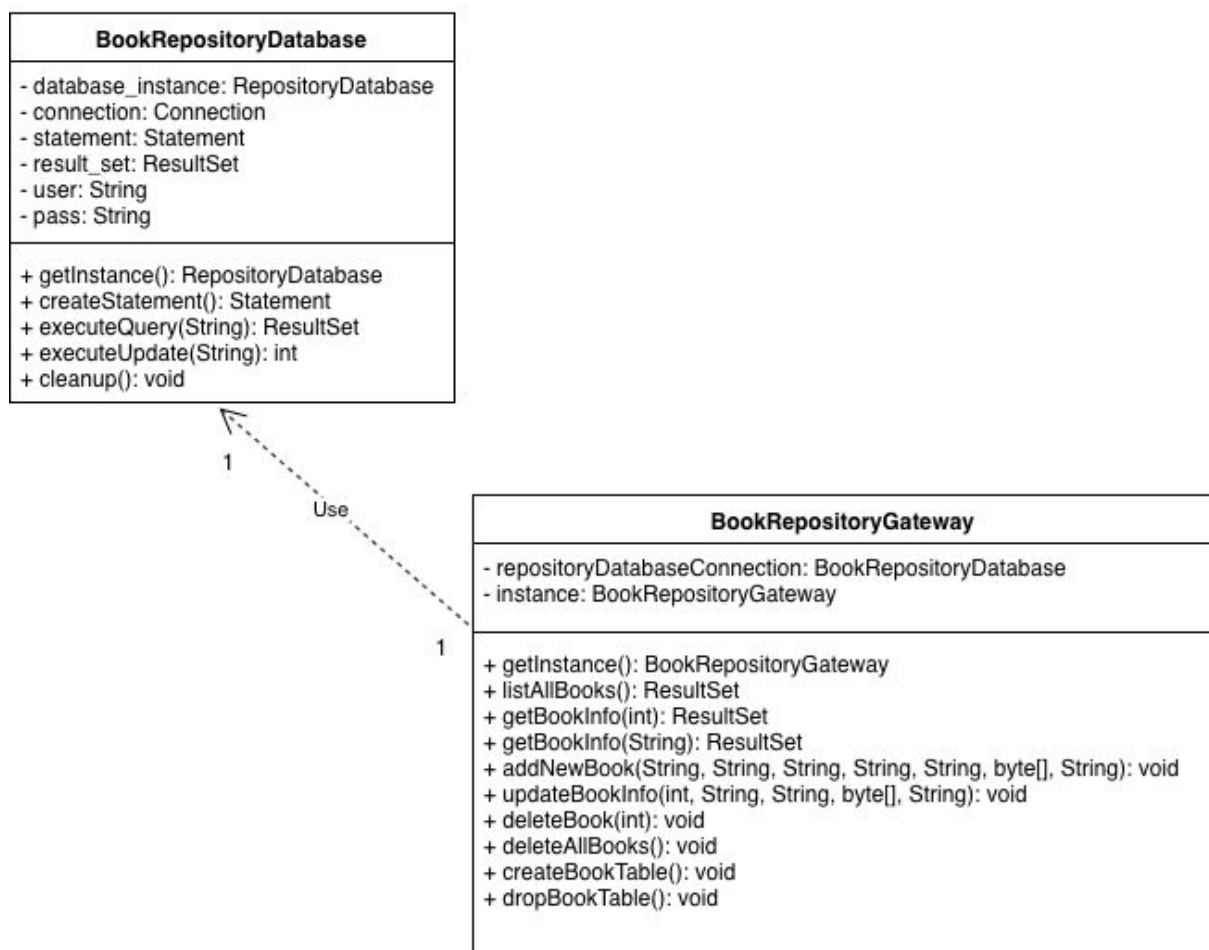
### Assignment 3

## Part E: The System Model

### Data Access Layer:

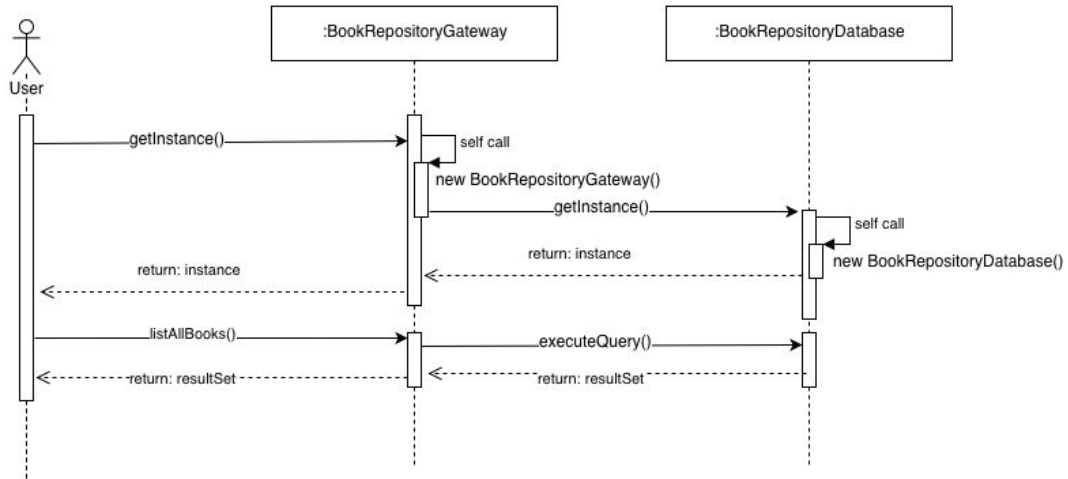
#### [Class Diagram]

##### Data Access Layer (DAL) - System Class Diagram



## [Sequence Diagram - "List All Books" Scenario]

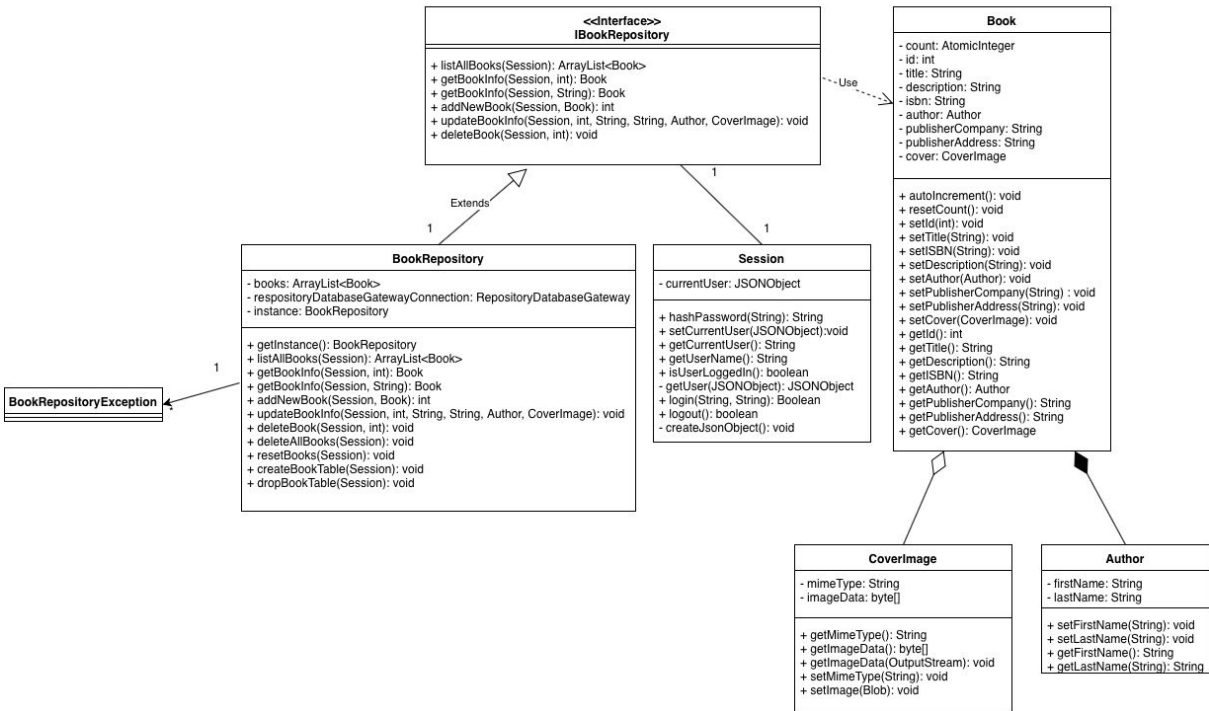
Sequence Diagram "List All Books Scenario"



Repository Core Layer:

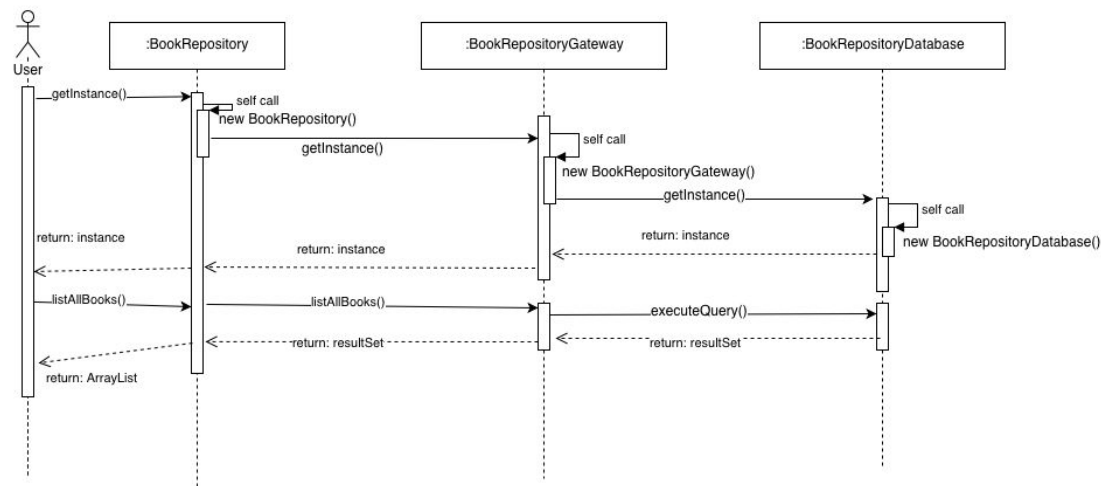
[Class Diagram]

Repository Core Layer - System Class Diagram



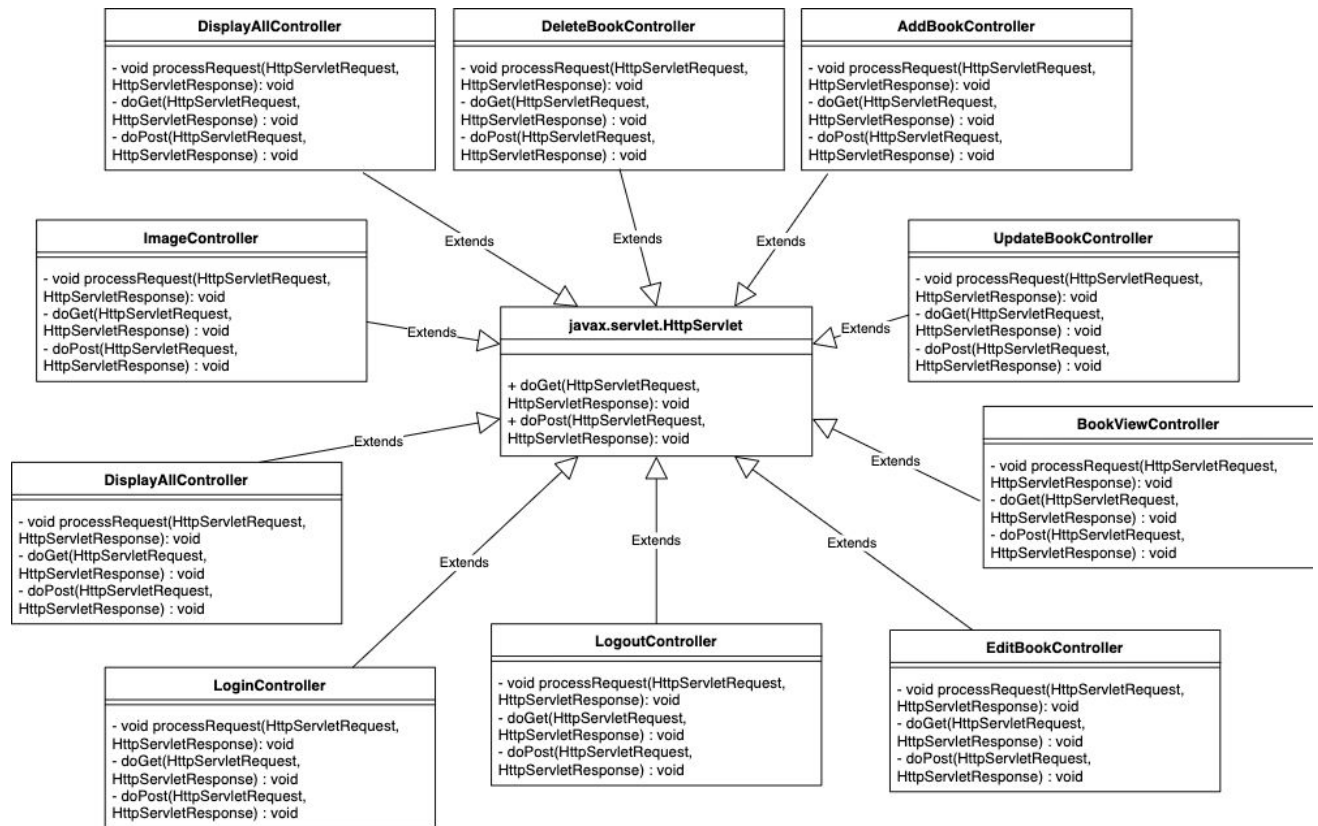
[Sequence Diagram - "List All Books" Scenario]

Sequence Diagram "List All Books Scenario"



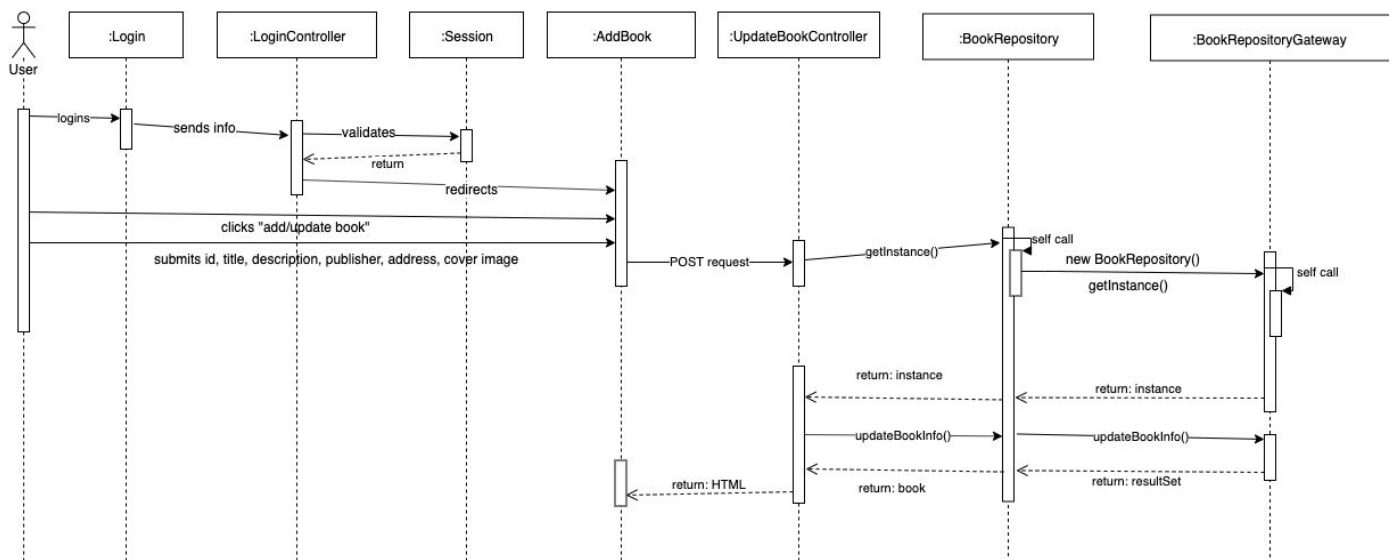
## Web Presentation Layer:

### [Class Diagram]



### [Sequence Diagram - "Update book" Scenario]

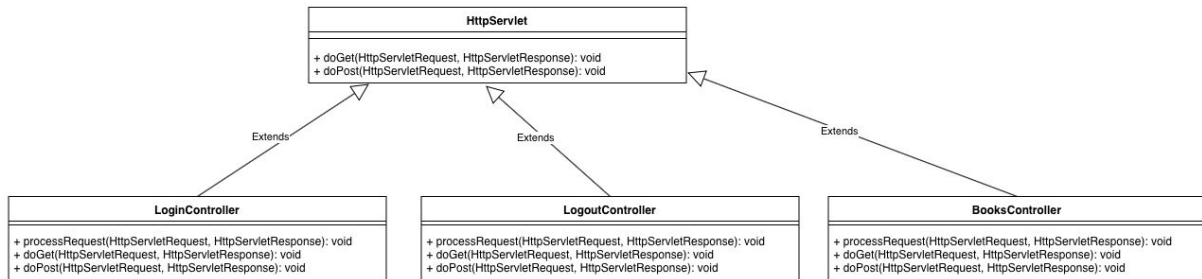
Sequence Diagram "Update book scenario"



## Service Layer:

### [Class Diagram]

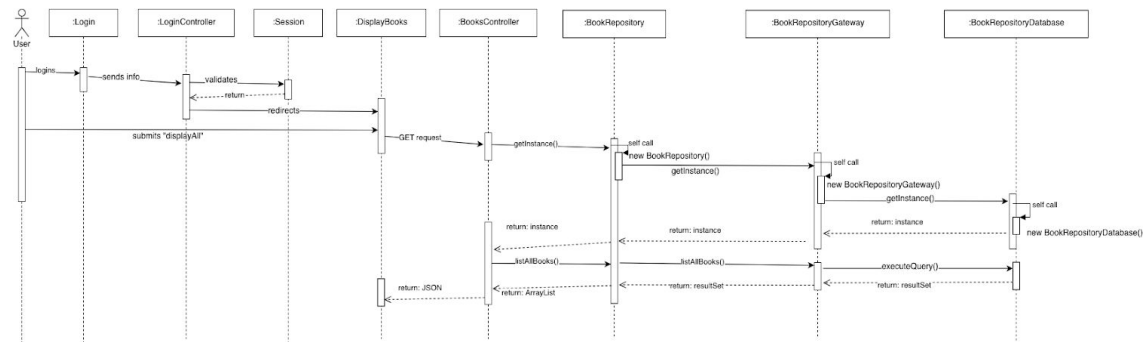
Service Layer - System Class Diagram



### [Sequence Diagram - "List All Books" Scenario]

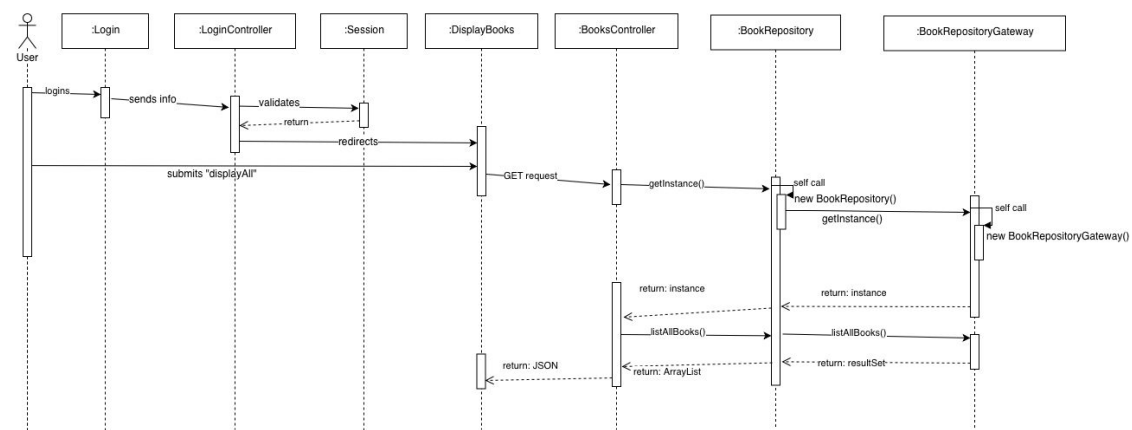
#### >> [FULL - Sequence Diagram]

Sequence Diagram "Display All Scenario"



#### >> [With Top Level Classes of Underneath layer - Sequence Diagram]

Sequence Diagram "Display All Scenario"



(Larger Format:

[https://drive.google.com/file/d/1j\\_U8E5utZn1K80TnNqVlFmJEBpeIpjX3/view](https://drive.google.com/file/d/1j_U8E5utZn1K80TnNqVlFmJEBpeIpjX3/view))