Dhirubhai Ambani Institute of Information and Communication Technology

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IT-314: Software Engineering

Group-10

Sprint Details

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eBook Library System

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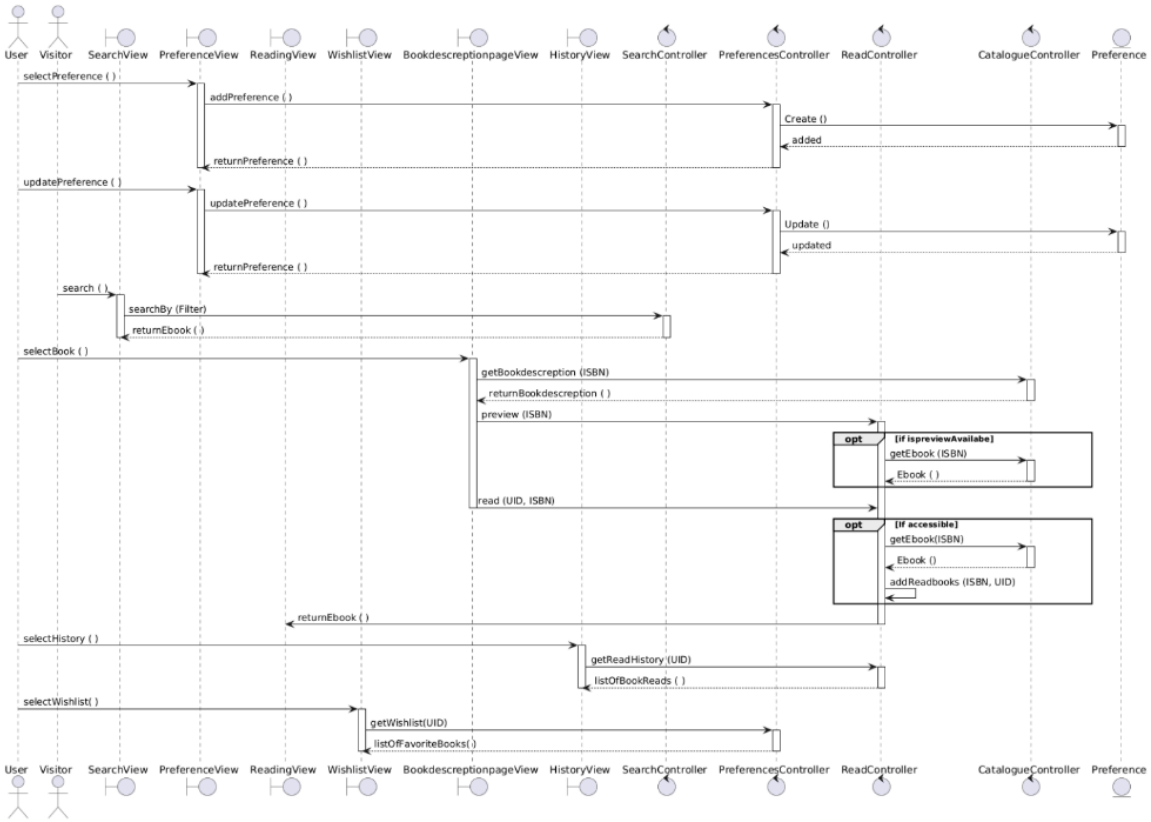
1. SPRINT-1

1.1 Sprint Details

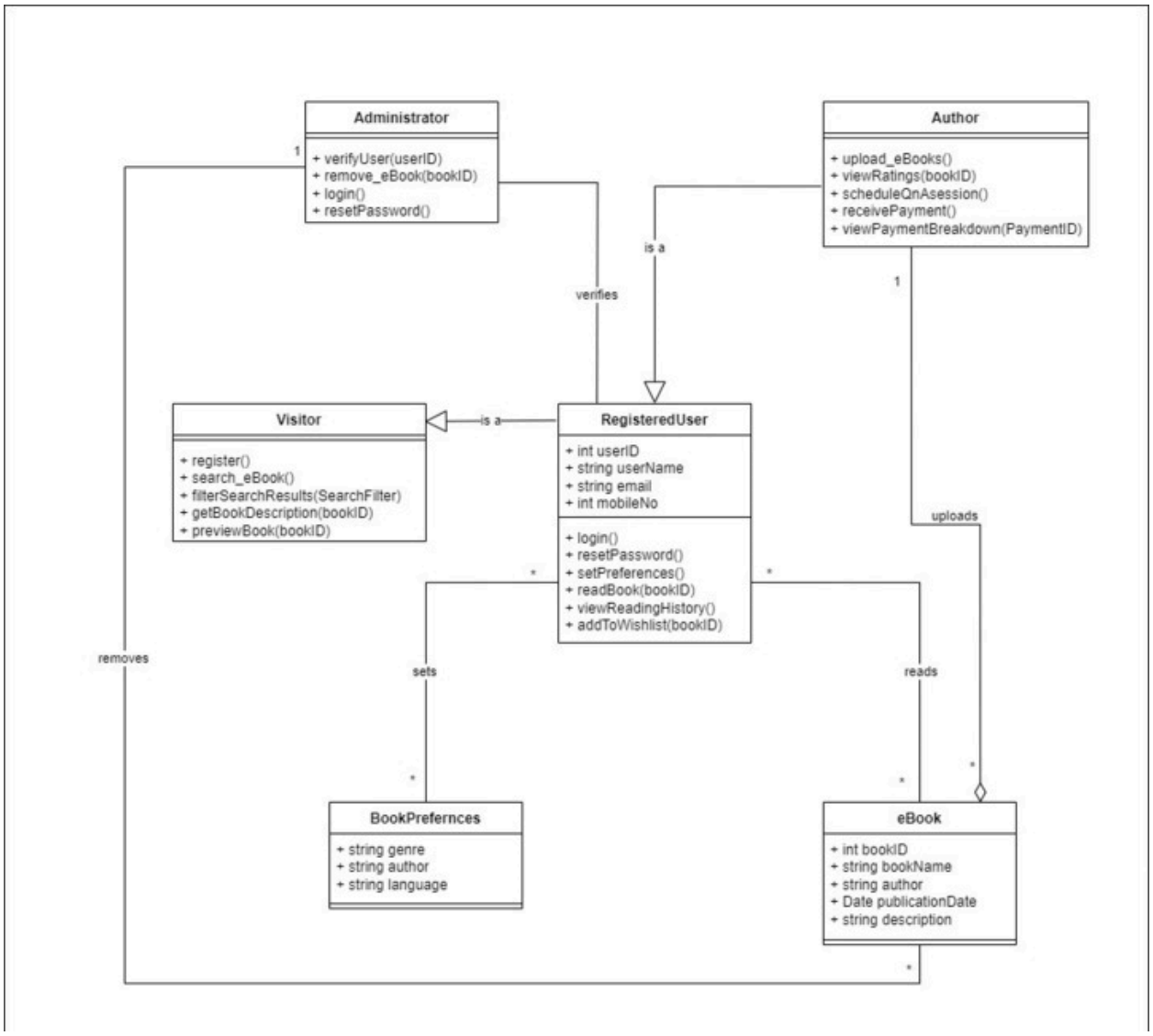
1. As a Visitor, I want to search/browse the eBook catalog so that I can explore available books without registration.
2. As a Visitor, I want to register an account so that I can gain access to more features.
3. As an administrator, I want a verification system where the user needs to enter the required information to prove their authenticity.
4. As a registered user, I want to log in to my account, so that I can access my personalized library and features.
5. As a frequent user of the platform, I want the option to enable a feature that can remember me during login, so that I can stay logged in on my device without having to enter my login credentials every time I access the platform.
6. As a registered user, I want to have the option to reset my password if I forget it,so that I can regain access to my account and continue using the platform without interruption.

1.2 Sequence Diagram

1.2 Sequence Diagram



1.3 Class Diagram

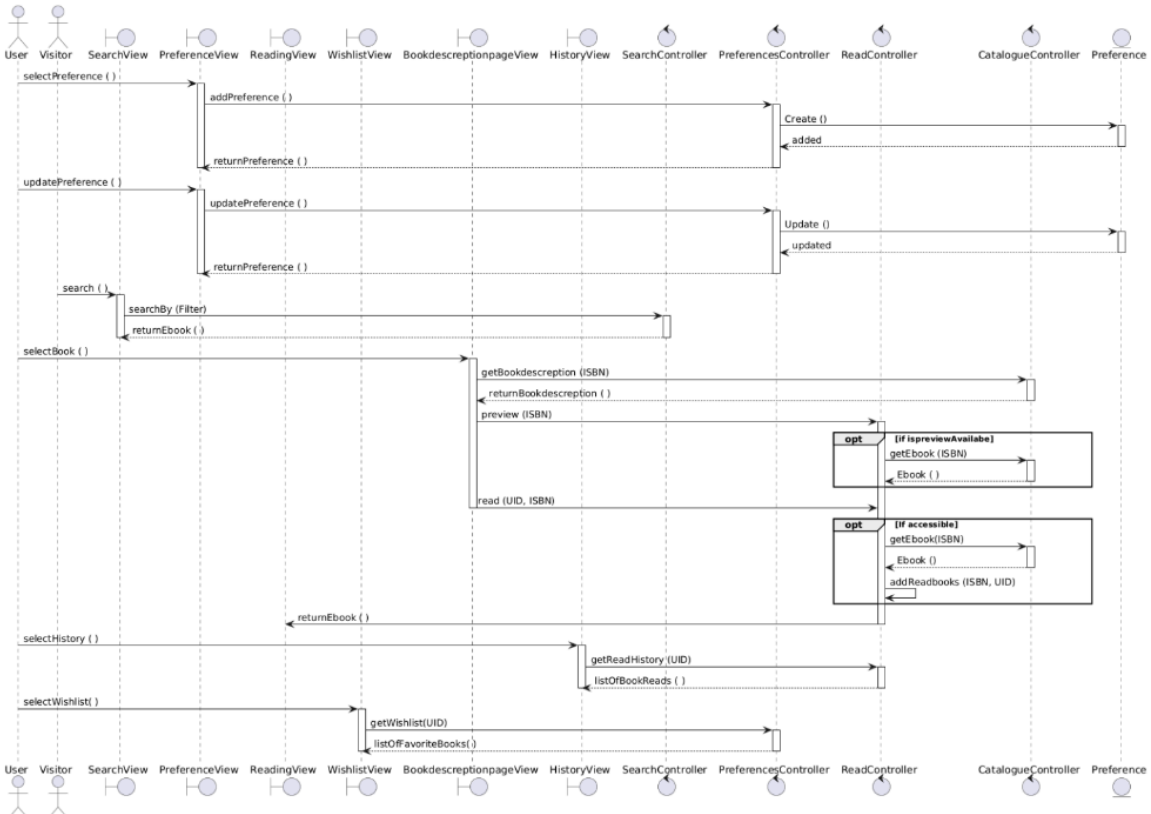


2. SPRINT-2

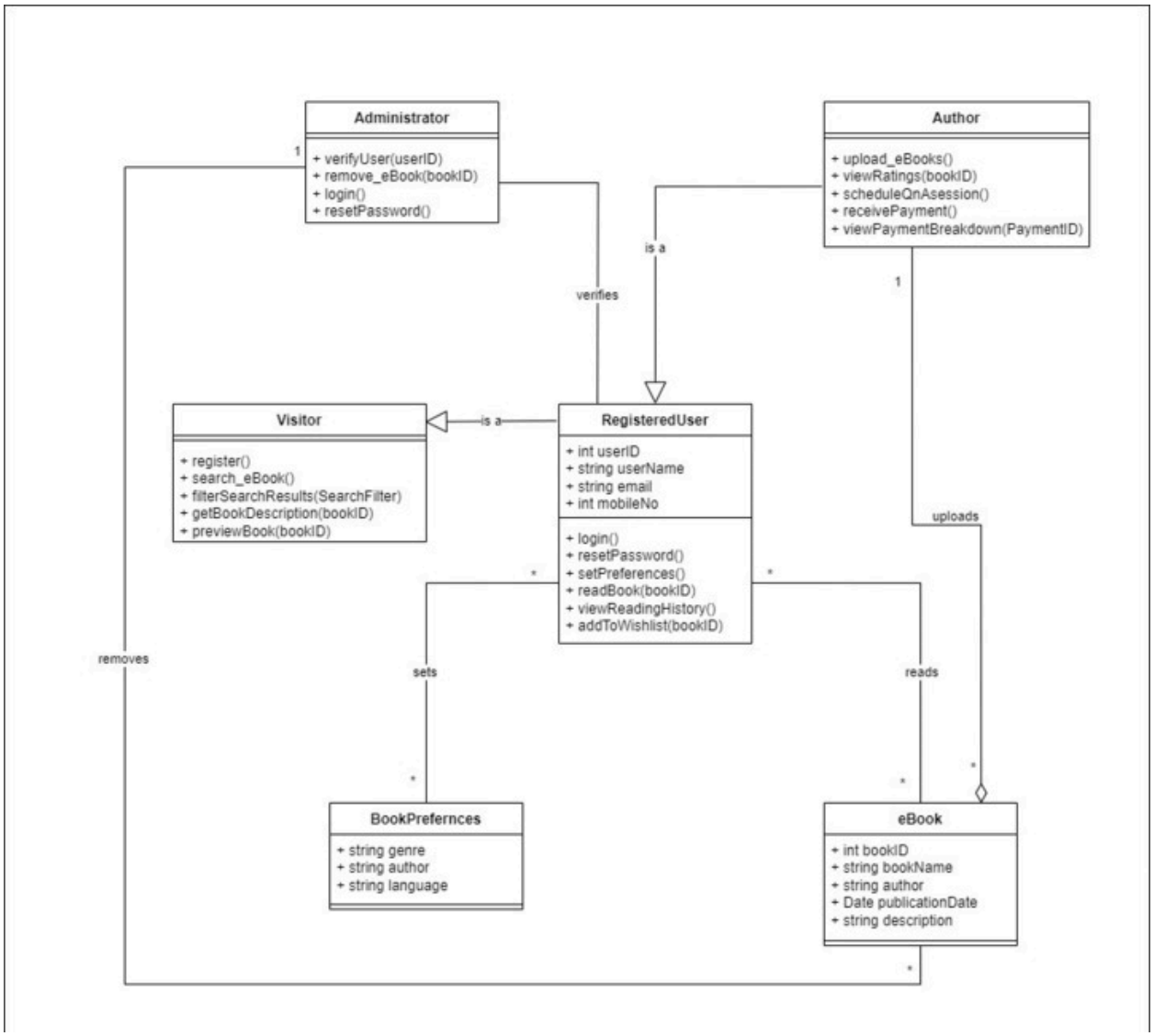
2.1 Sprint Details

1. As a Visitor, I want to filter search results based on book's title, author, editions, publisher and series so that I can easily find relevant eBooks.
2. As a Visitor, I want to view eBooks so that I can get a glimpse of the content before deciding to read the eBook.
3. As a User, I want to add/remove eBooks to my wishlist so that I can keep track of books I'm interested in.
4. As a User, I want to read a book online without downloading it.
5. As a User, I want to view my reading history so that I can revisit books I've read before.

2.2 Sequence Diagram



2.3 Class Diagram

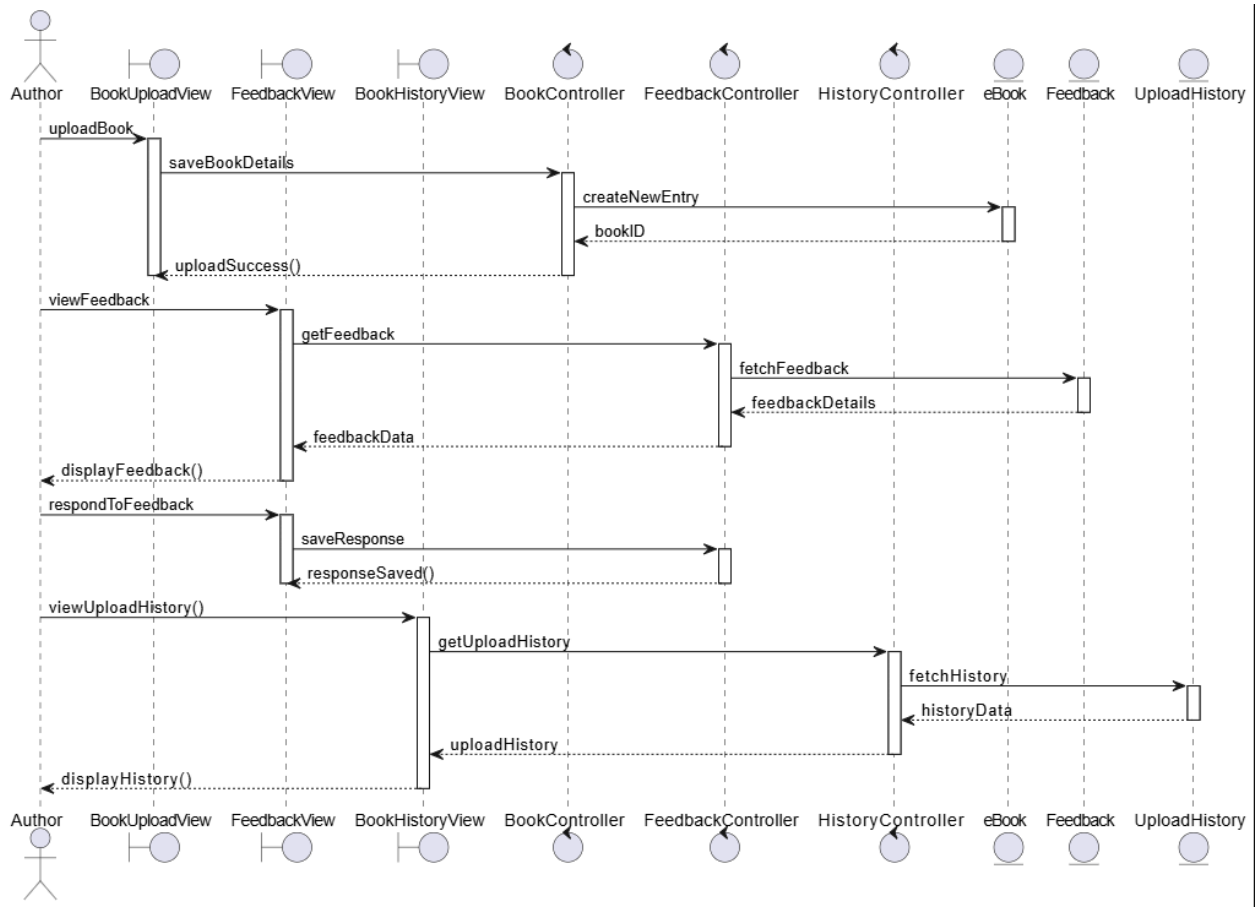


3. SPRINT-3

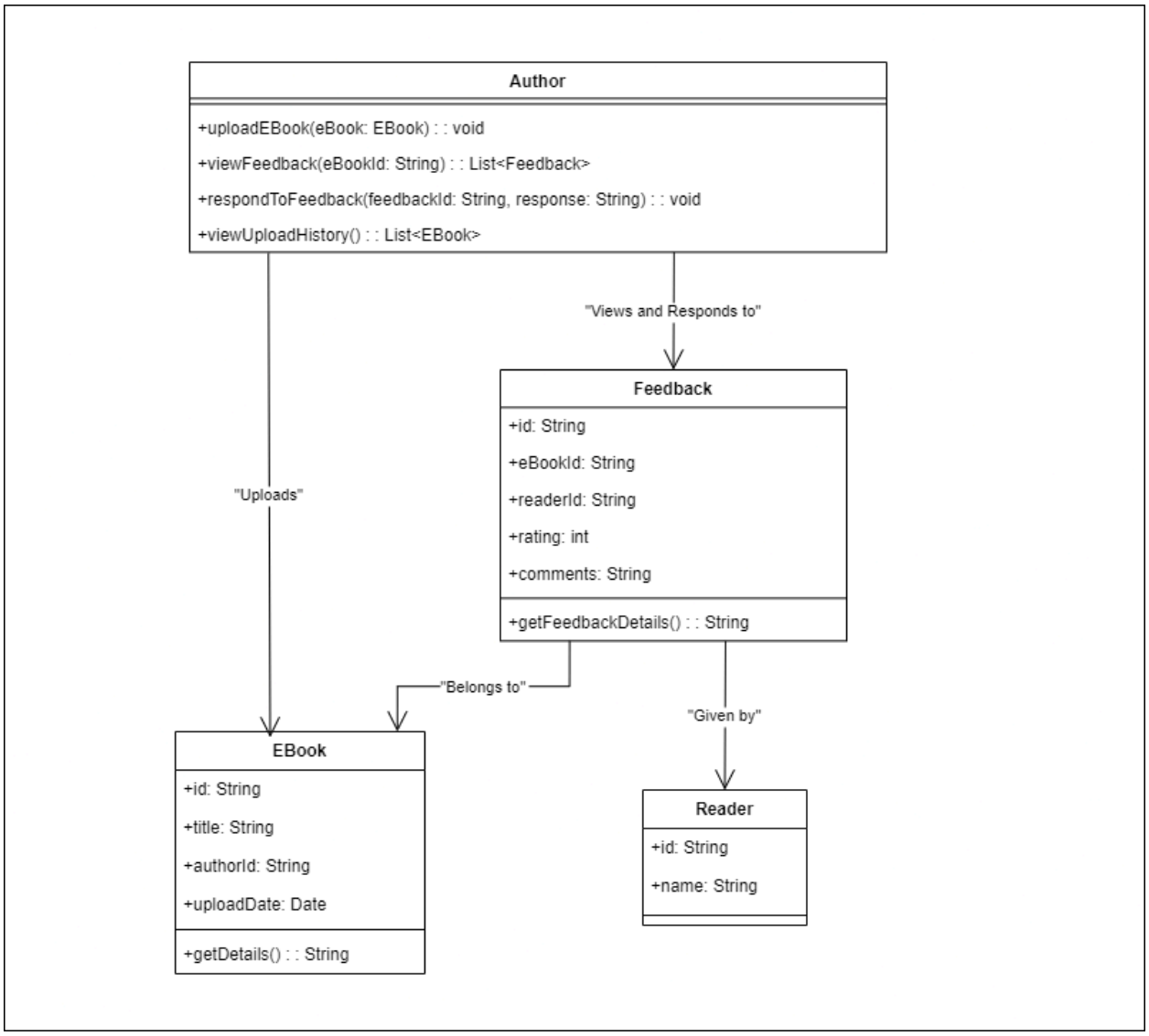
3.1 Sprint Details

1. As an Author, I want to upload my eBooks so that I can make them available to readers.
2. As an author, I want to view feedback and ratings for my eBooks and respond to understand how readers are engaging with my work.
3. As an author, I want to see the history of the books that I have uploaded so that I can keep a track of my books.

3.2 Sequence Diagram



3.3 Class Diagram

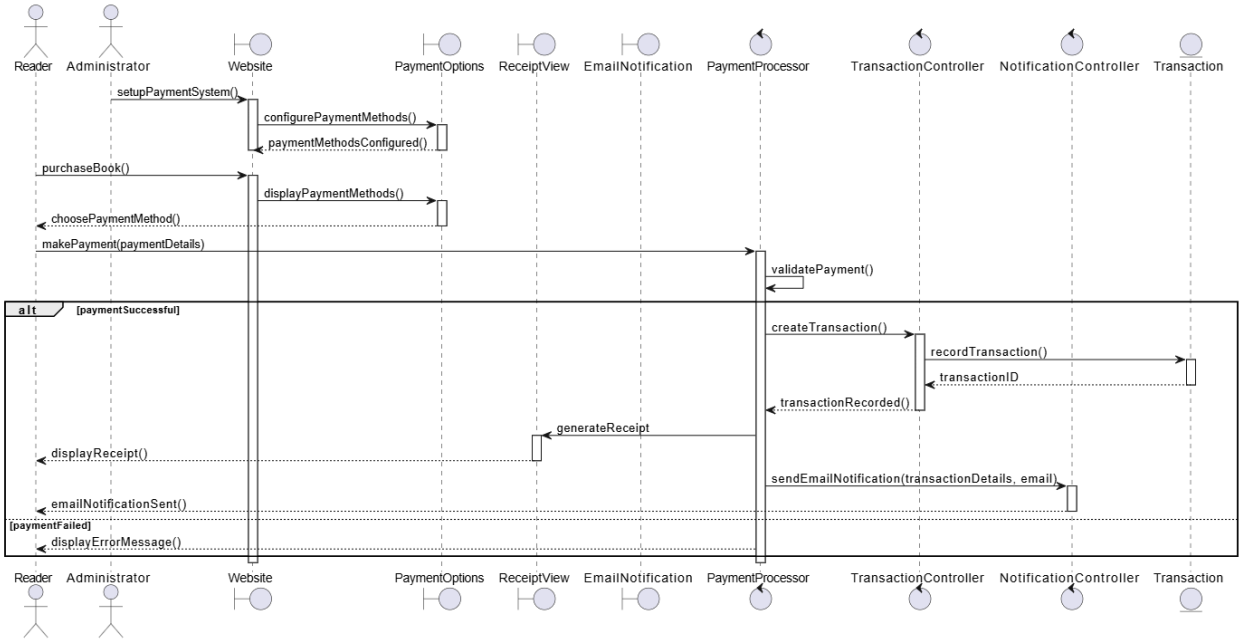


4. SPRINT-4

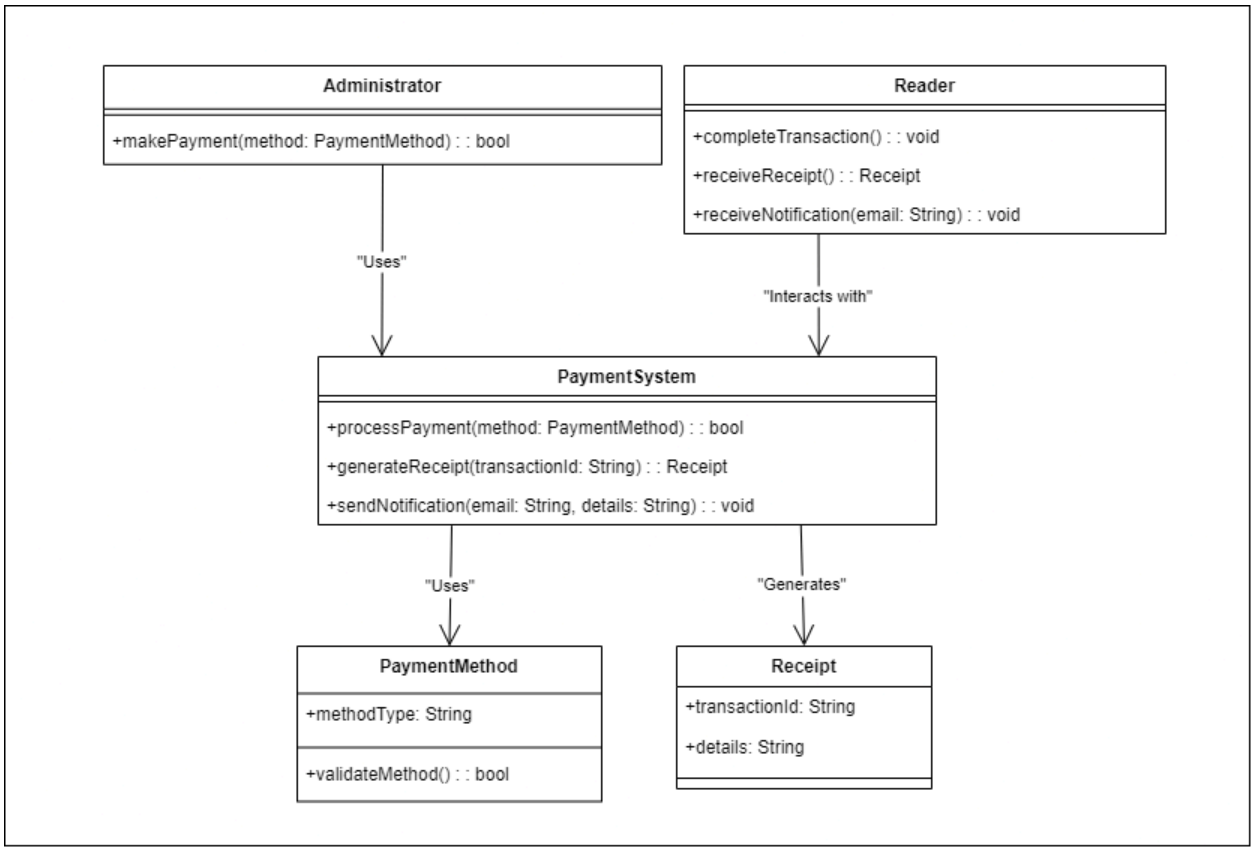
4.1 Sprint Details

1. As an administrator, I want an online payment system with possible payment methods on websites so that readers can easily purchase the chargeable books.
2. As a reader, I want to receive a payment receipt and receive an email notification after completing a transaction, so that I have proof of payment for my records and can reference the details of my purchase

4.2 Sequence Diagram



4.3 Class Diagram

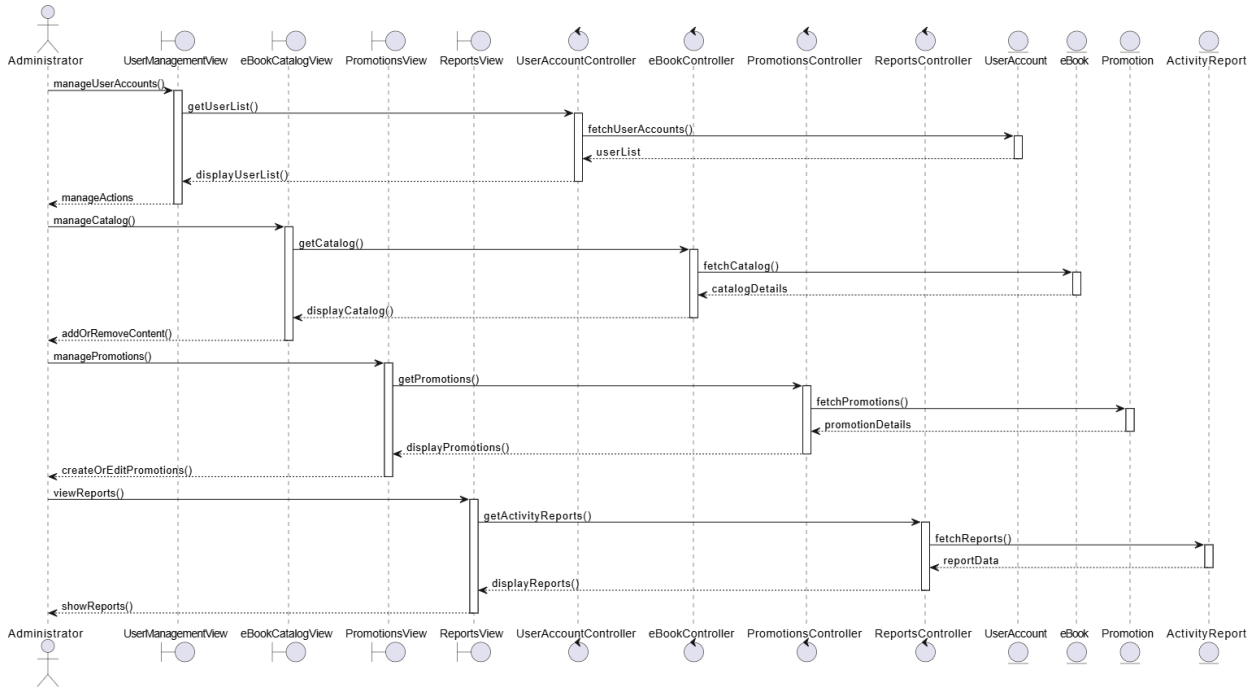
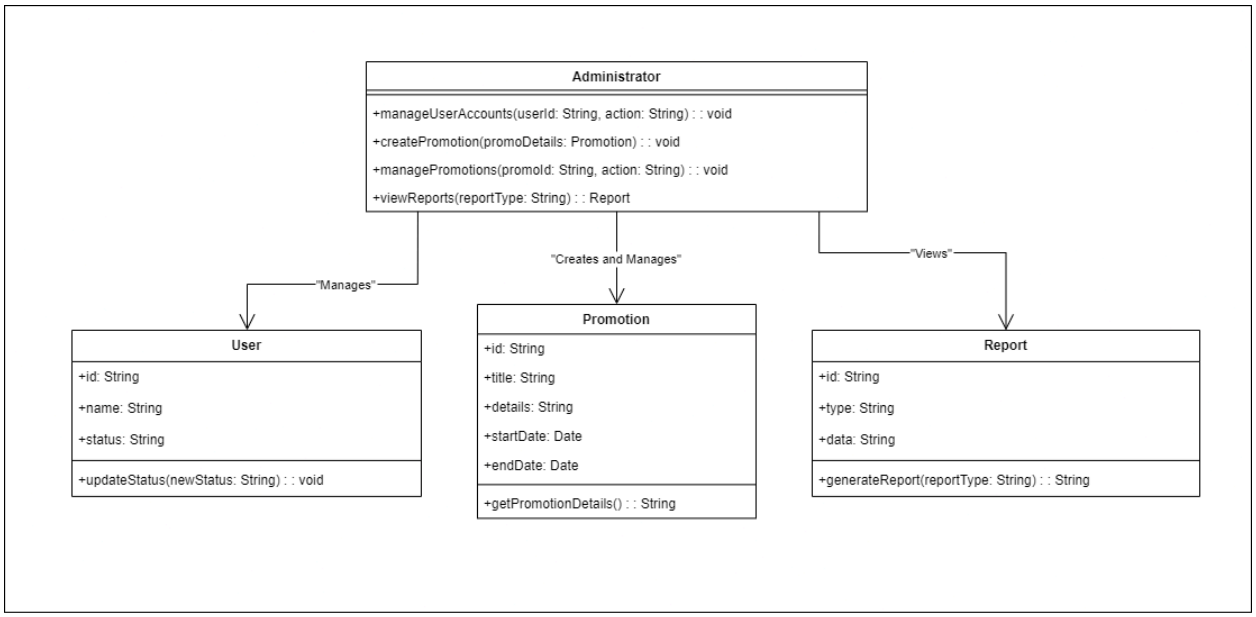


5. SPRINT-5

5.1 Sprint Details

1. As an Administrator, I want to manage user accounts so that I can deactivate or ban users who violate policies.
2. As an Administrator, I want to manage the eBook catalog so that I can add or remove content as needed.
3. As an Administrator, I want to create and manage promotions and offers so that users have incentives to use the platform
4. As an Administrator, I want to view reports on user activities and eBook access so that I can make informed decisions on system improvements.

5.2 Sequence Diagram



5.3 Class Diagram