Project Analysis

Project Description

Book List/Review App:

With this Book Tracking app, users can keep track of books. Users can keep track of the books they have read, are reading, or plan to read.
Users can leave a review or a rating of a book they have read.
Furthermore they can look up books, filtered by genres or above certain ratings, and read other people's reviews.

User Stories

1. Books

As a user,
I want a list of all books,
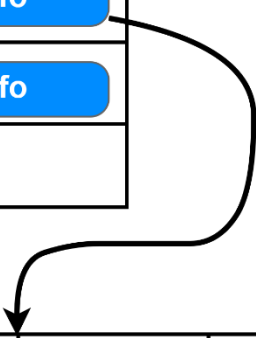So that I can decide what I want to read.

Title	Genres	
Book 1	abc	Info
Book 2	xyz	Info

- A list of books is shown
- Each book has a button for displaying more information

2. Book Seletion

As a user,
I want a button next to a book,
So that I can view more info about this book.

Title	Genres	
Book 1	abc	**Info**
Book 2	xyz	**Info**

Title	Genres	Synopsis	
Book	abc	blablabla	**Read**

- The info button opens a tab
- Rating is shown
- Reviews are shown

3. Personal List

As a user,
I want a list of all tracked books,
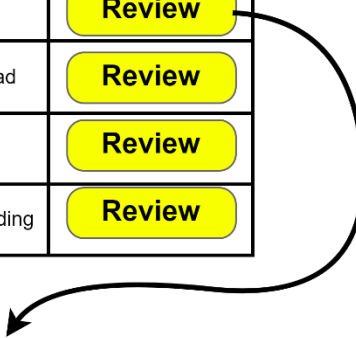So that I can easily find my progress

Title	Rating	Progress	Status
Book 1	3/5	p130/150	Reading
Book 2	/	p0/60	Plan To Read
Book 3	4.5/5	p100/100	Done
Book 4	1/5	p30/200	Stopped Reading

- List of tracked books is shown
- Status, Progress, Rating is shown

4. Review

As a user,
I want a button for each book,
So that I can start making a review

Title	Rating	Progress	Status	
Book 1	3/5	p130/150	Reading	**Review**
Book 2	/	p0/60	Plan To Read	**Review**
Book 3	4.5/5	p100/100	Done	**Review**
Book 4	1/5	p30/200	Stopped Reading	**Review**

Review   ○○○

I did not like Draco Malfoy

Send
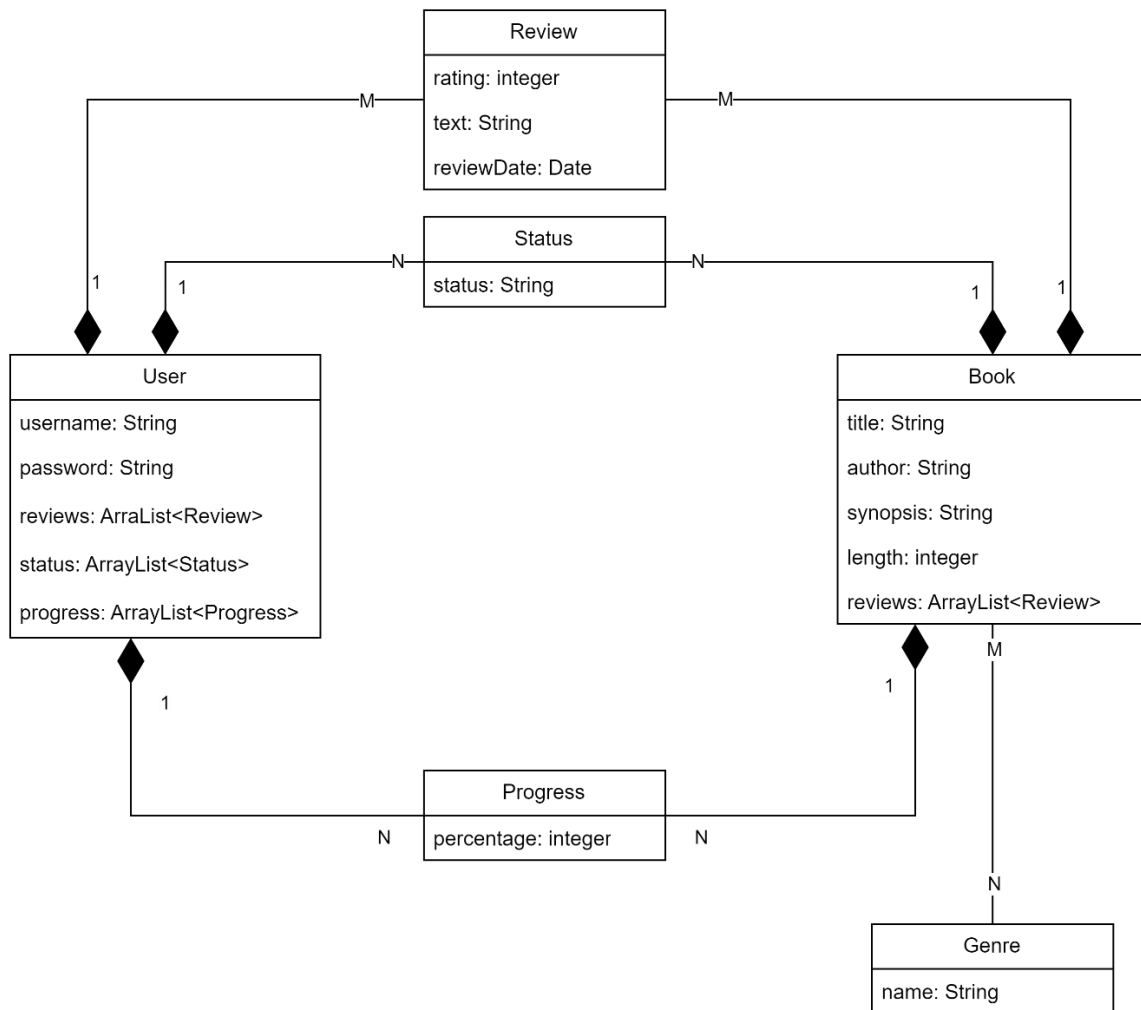
-    Clicking the button opens a panel to write a review

5. Rating

As a user,
I want a button for each book,
So that I can rate the book

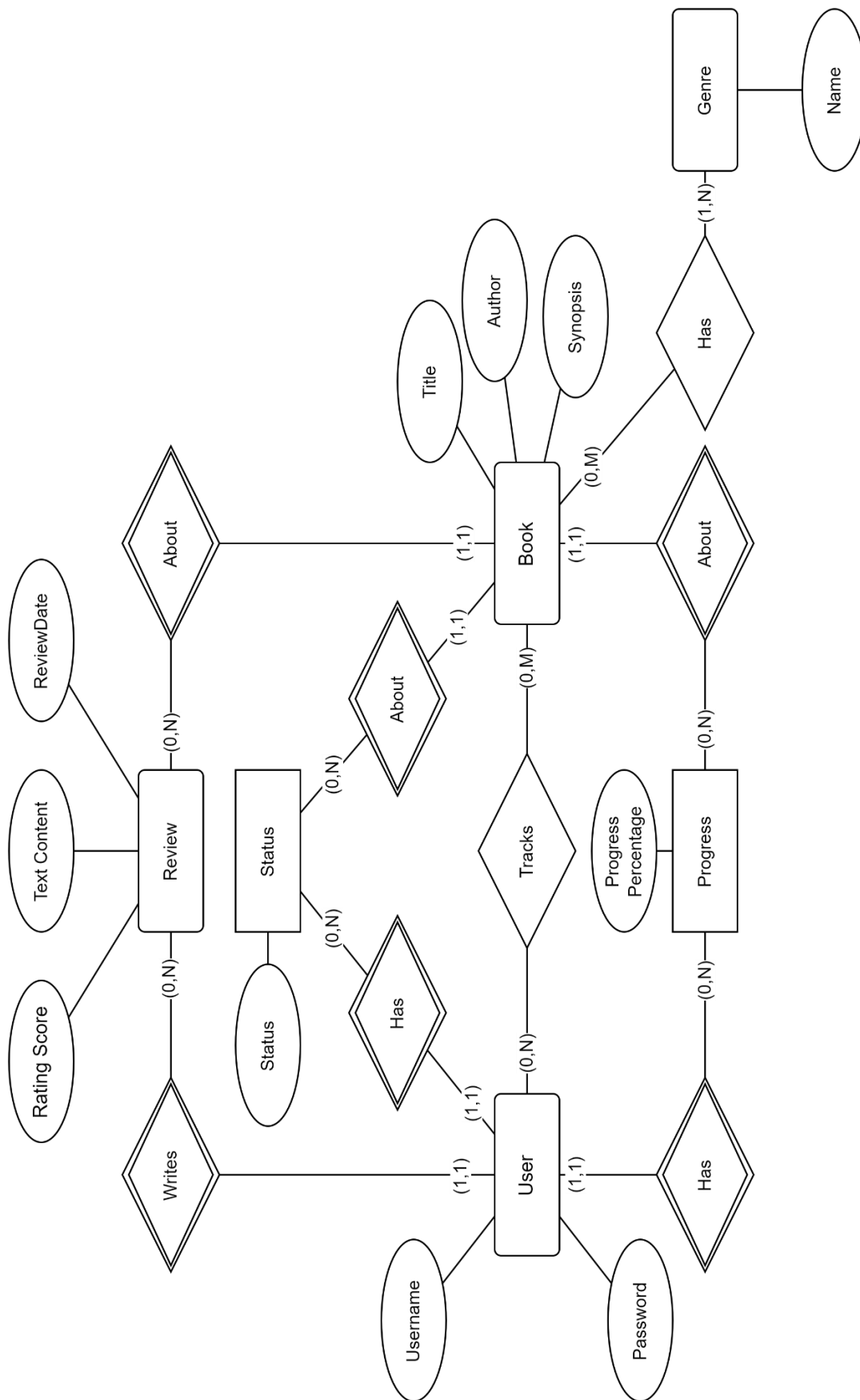| Title	Rating	Progress	Status	
Book 1	3/5	p130/150	Reading	**Review**
Book 2	**Rate**	p60/60	Done	**Review**
Book 3	4.5/5	p100/100	Done	**Review**
Book 4	1/5	p30/200	Stopped Reading	**Review**

Window Title ○○○

★ ★ ★ ★ ☆

- Pressing the Rate button opens the panel to select a rating

Domein Model

Conceptueel Data Model

Logisch Data Model

Review

PK,FK1	UserID
PK,FK2	BookID
	rating
	text
	reviewDate

Status

PK,FK1	UserID
PK,FK2	BookID
	status

User

PK	id
	username
	password

Book

PK	id
	title
	author
	synopsis
	length

Progress

PK,FK1	UserID
PK,FK2	BookID
	percentage

Genre

| PK | id |
| | name |