Deployment of a Production Grade 3-Tier Monolithic Web Application with CI/CD on AWS

Google

End User

GitHub

Triggers

Route 53

Parameter Store

Code Build

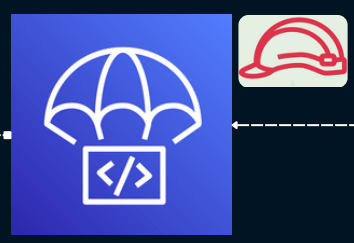
Artifacts in S3 bucket

CloudFront

ACM

Triggers

Code Pipeline



Cloud Watch

IAM

Code Deploy

VPC Endpoint

VPC - Region - us-east-1

Avaliability Zone: us-east-1a

Publicsubnet-1A

IGW

Bastion Host

NAT

Privatesubnet-1A

EC2 - Presentation tier

ASG

Privatesubnet-2A

EC2 - Application tier

ASG

Privatesubnet-3A

RDS - Main

ALB - Internet facing

ALB - Internal

Avaliability Zone: us-east-1b

Publicsubnet-1B

IGW

Bastion Host

Privatesubnet-1B

EC2 - Presentation tier

ASG

Privatesubnet-2B

EC2 - Application tier

ASG

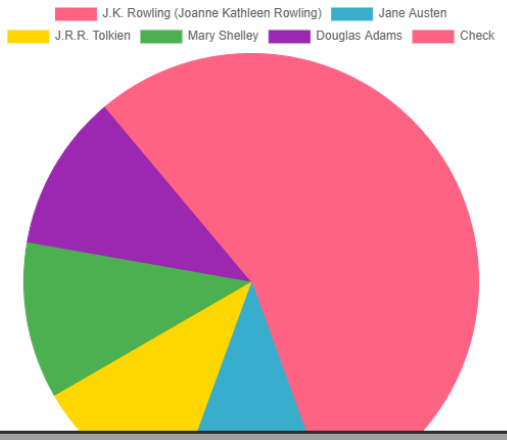
Privatesubnet-3B

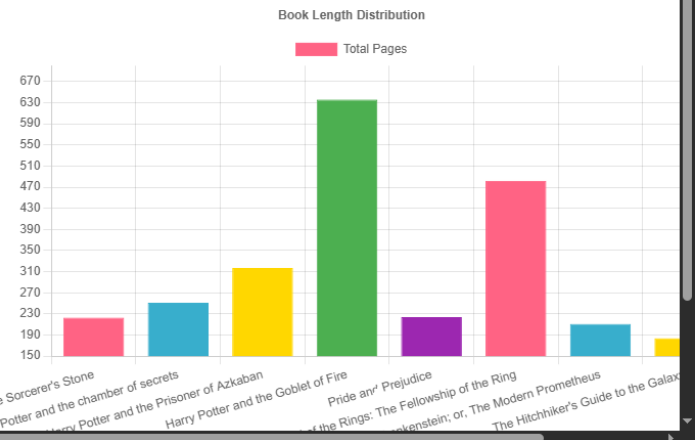
RDS - Stand By

bkbala3710.info

Dashboard

Books | Authors





Screenshots | Vite + React + TS - ... | *Untitled - Notepad | Project-ID-106-CI&... | 28°C Partly cloudy | ENG | 23:59:50 15-08-2025

bkbala3710.info/books

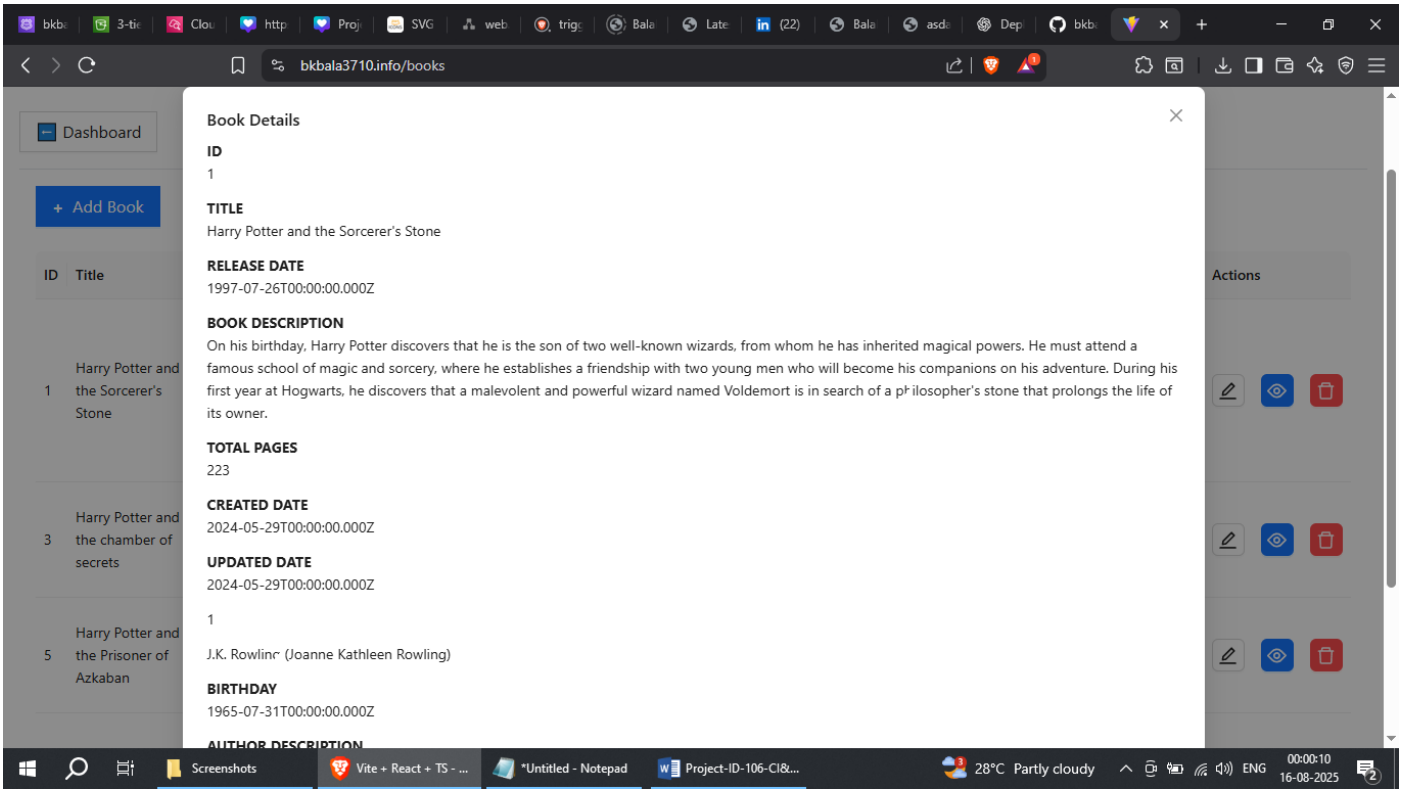
Dashboard

MANAGE BOOKS

+ Add Book

ID	Title	Description	Release Date	Author	Created Date	Updated Date	Actions
1	Harry Potter and the Sorcerer's Stone	On his birthday, Harry Potter discovers that he is the son of two well-known wizards, from whom he has inherited magical powers. He must attend a famous school of magic and sorcery, where he establishes a friendship with two young men who will become his companions on his adventure. During his first year at Hogwarts, he discovers that a malevolent and powerful wizard named Voldemort is in search of a philosopher's stone that prolongs the life of its owner.	1997-07-26T00:00:00.000Z	J.K. Rowling (Joanne Kathleen Rowling)	2024-05-29T00:00:00.000Z	2024-05-29T00:00:00.000Z	
3	Harry Potter and the chamber of secrets	Harry Potter and the sophomores investigate a malevolent threat to their Hogwarts classmates, a menacing beast that hides within the castle.	1998-07-02T00:00:00.000Z	J.K. Rowling (Joanne Kathleen Rowling)	2024-05-29T00:00:00.000Z	2024-05-29T00:00:00.000Z	
5	Harry Potter and the Prisoner of Azkaban	Harry's third year of studies at Hogwarts is threatened by Sirius Black's escape from Azkaban prison. Apparently, it is a dangerous wizard who was an accomplice of Lord Voldemort and who will try to take revenge on Harry Potter.	1999-07-08T00:00:00.000Z	J.K. Rowling (Joanne Kathleen Rowling)	2024-05-29T00:00:00.000Z	2024-05-29T00:00:00.000Z	
		Hogwarts prepares for the Triwizard Tournament, in which three schools of		J.K. Rowling			

Screenshots | Vite + React + TS - ... | *Untitled - Notepad | Project-ID-106-CI&... | 28°C Partly cloudy | ENG | 00:00:03 16-08-2025


bkbala3710.info/books
Dashboard
+ Add Book
ID
Title
Actions
1
Harry Potter and the Sorcerer's Stone
3
Harry Potter and the chamber of secrets
5
Harry Potter and the Prisoner of Azkaban
Book Details
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Harry Potter and the Sorcerer's Stone
RELEASE DATE
1997-07-26T00:00:00.000Z
BOOK DESCRIPTION
On his birthday, Harry Potter discovers that he is the son of two well-known wizards, from whom he has inherited magical powers. He must attend a famous school of magic and sorcery, where he establishes a friendship with two young men who will become his companions on his adventure. During his first year at Hogwarts, he discovers that a malevolent and powerful wizard named Voldemort is in search of a philosopher's stone that prolongs the life of its owner.
TOTAL PAGES
223
CREATED DATE
2024-05-29T00:00:00.000Z
UPDATED DATE
2024-05-29T00:00:00.000Z
1
J.K. Rowling (Joanne Kathleen Rowling)
BIRTHDAY
1965-07-31T00:00:00.000Z
AUTHOR DESCRIPTION
Screenshots
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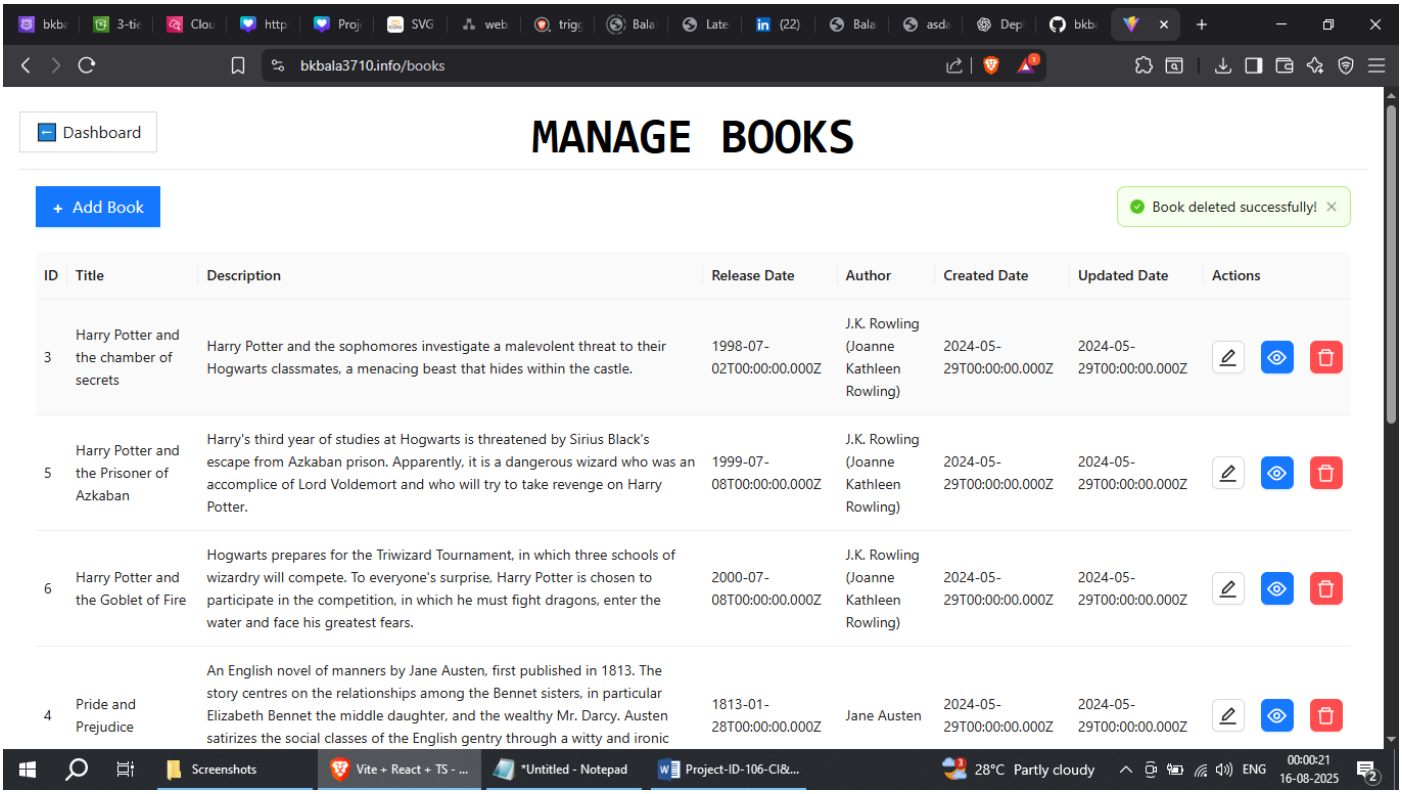
bkbala3710.info/books
Dashboard
MANAGE BOOKS
+ Add Book
Book deleted successfully!
ID
Title
Description
Release Date
Author
Created Date
Updated Date
Actions
3
Harry Potter and the chamber of secrets
Harry Potter and the sophomores investigate a malevolent threat to their Hogwarts classmates, a menacing beast that hides within the castle.
1998-07-02T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
5
Harry Potter and the Prisoner of Azkaban
Harry's third year of studies at Hogwarts is threatened by Sirius Black's escape from Azkaban prison. Apparently, it is a dangerous wizard who was an accomplice of Lord Voldemort and who will try to take revenge on Harry Potter.
1999-07-08T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
6
Harry Potter and the Goblet of Fire
Hogwarts prepares for the Triwizard Tournament, in which three schools of wizardry will compete. To everyone's surprise, Harry Potter is chosen to participate in the competition, in which he must fight dragons, enter the water and face his greatest fears.
2000-07-08T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
4
Pride and Prejudice
An English novel of manners by Jane Austen, first published in 1813. The story centres on the relationships among the Bennet sisters, in particular Elizabeth Bennet the middle daughter, and the wealthy Mr. Darcy. Austen satirizes the social classes of the English gentry through a witty and ironic
1813-01-28T00:00:00.000Z
Jane Austen
2024-05-29T00:00:00.000Z
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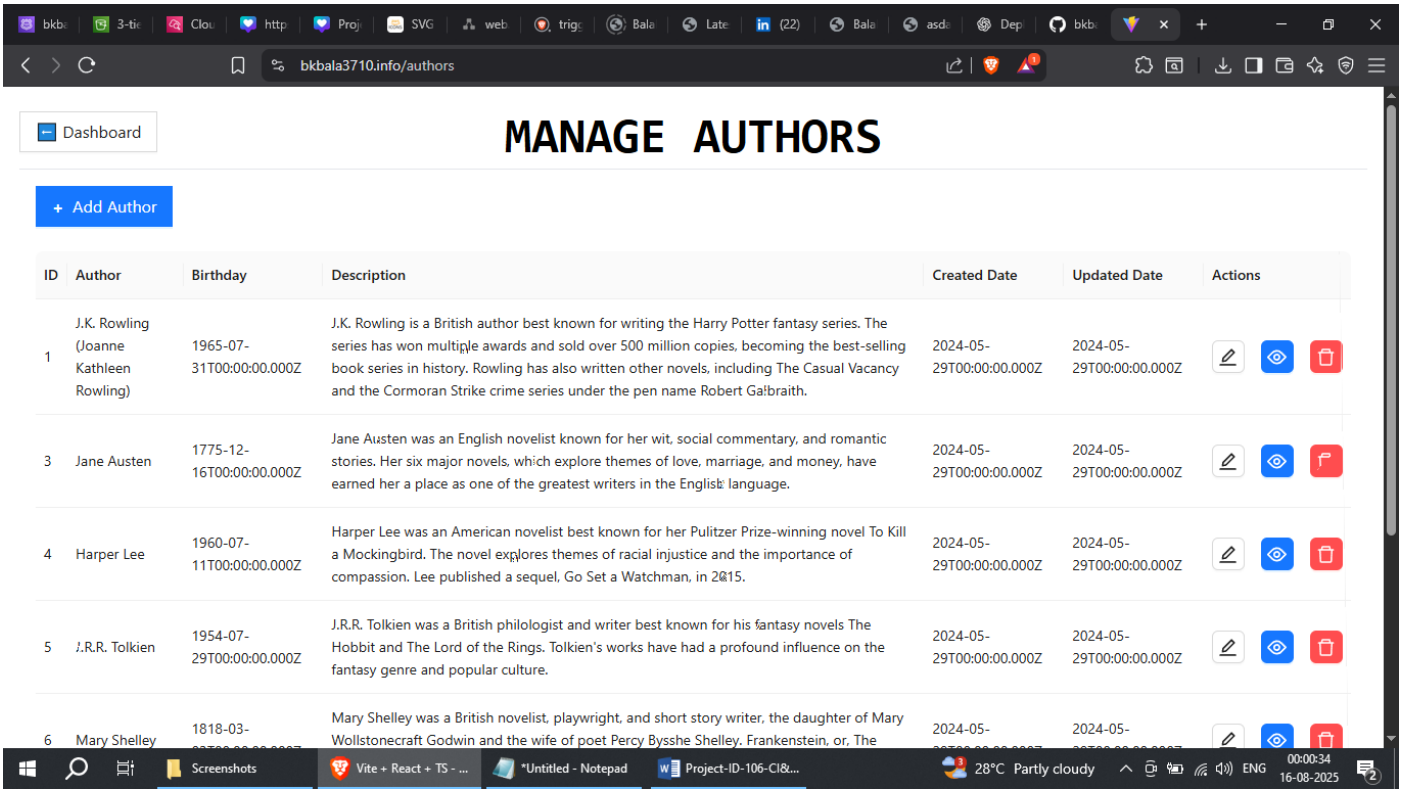
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Dashboard
MANAGE AUTHORS
+ Add Author
ID
Author
Birthday
Description
Created Date
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Actions
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J.K. Rowling (Joanne Kathleen Rowling)
1965-07-31T00:00:00.000Z
J.K. Rowling is a British author best known for writing the Harry Potter fantasy series. The series has won multiple awards and sold over 500 million copies, becoming the best-selling book series in history. Rowling has also written other novels, including The Casual Vacancy and the Cormoran Strike crime series under the pen name Robert Galbraith.
2024-05-29T00:00:00.000Z
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3
Jane Austen
1775-12-16T00:00:00.000Z
Jane Austen was an English novelist known for her wit, social commentary, and romantic stories. Her six major novels, which explore themes of love, marriage, and money, have earned her a place as one of the greatest writers in the English language.
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
4
Harper Lee
1960-07-11T00:00:00.000Z
Harper Lee was an American novelist best known for her Pulitzer Prize-winning novel To Kill a Mockingbird. The novel explores themes of racial injustice and the importance of compassion. Lee published a sequel, Go Set a Watchman, in 2015.
2024-05-29T00:00:00.000Z
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5
J.R.R. Tolkien
1954-07-29T00:00:00.000Z
J.R.R. Tolkien was a British philologist and writer best known for his fantasy novels The Hobbit and The Lord of the Rings. Tolkien's works have had a profound influence on the fantasy genre and popular culture.
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
6
Mary Shelley
1818-03-
Mary Shelley was a British novelist, playwright, and short story writer, the daughter of Mary Wollstonecraft Godwin and the wife of poet Percy Bysshe Shelley. Frankenstein, or, The
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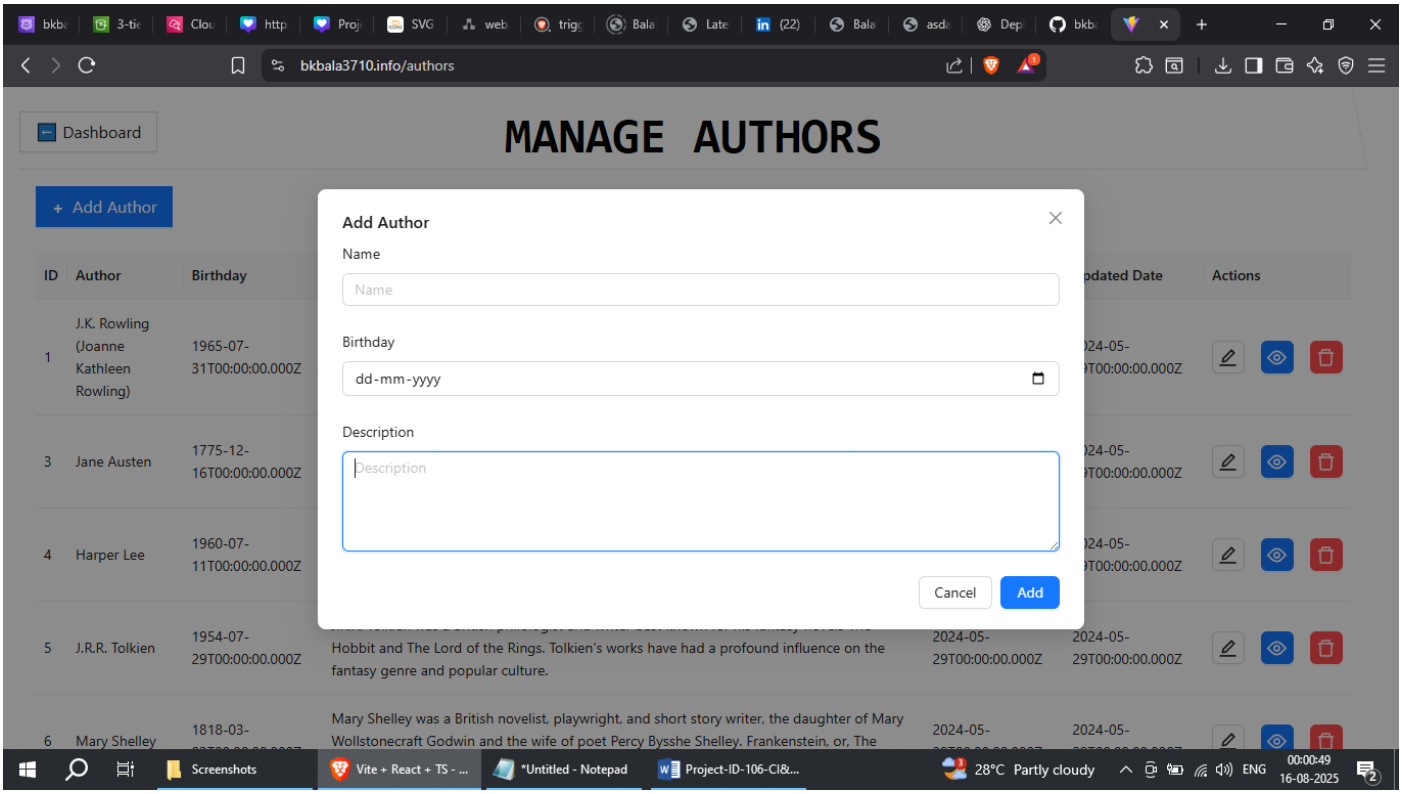
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Dashboard
MANAGE AUTHORS
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J.K. Rowling (Joanne Kathleen Rowling)
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Jane Austen
1775-12-16T00:00:00.000Z
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Harper Lee
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J.R.R. Tolkien
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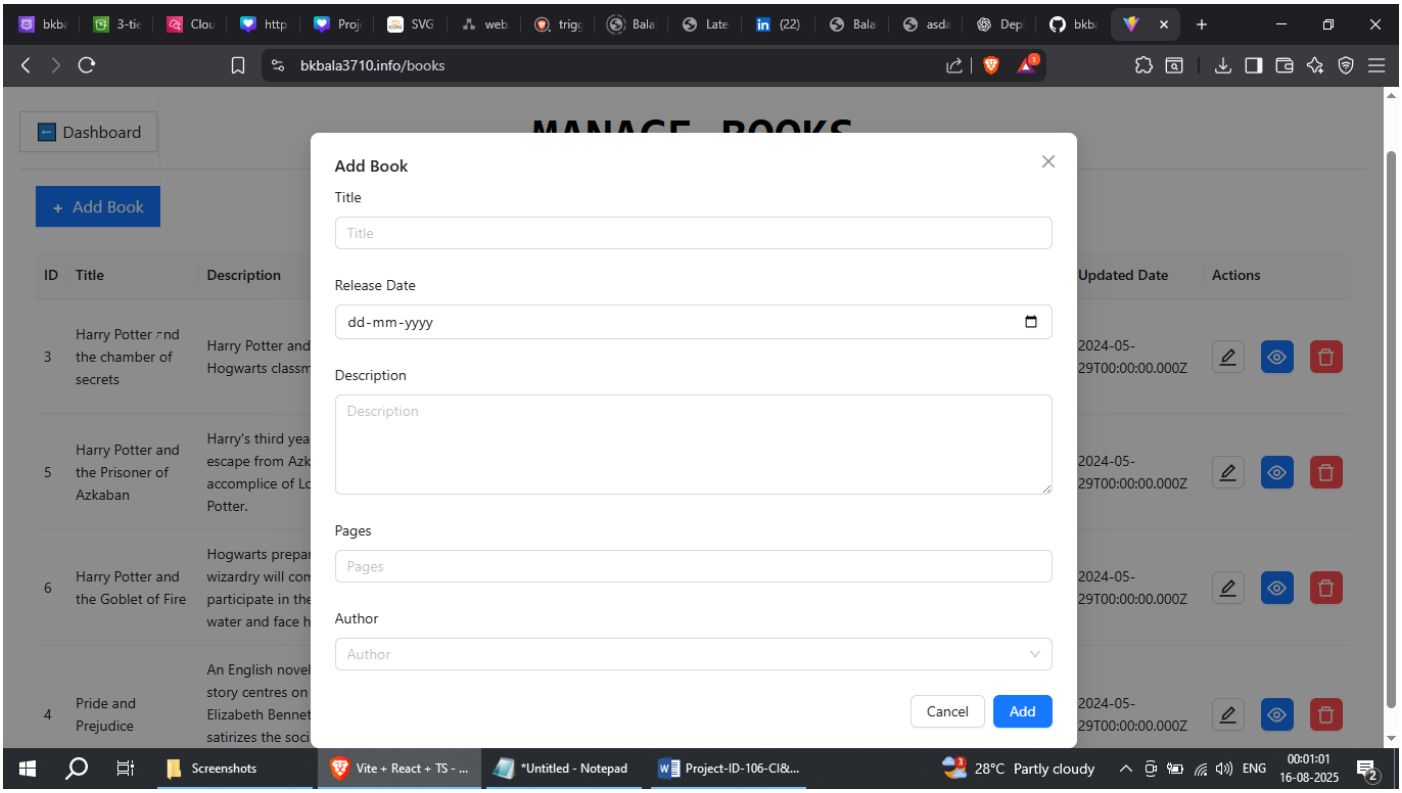
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3
Harry Potter and the chamber of secrets
Harry Potter and
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Harry Potter and the Prisoner of Azkaban
Harry's third yea
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6
Harry Potter and the Goblet of Fire
Hogwarts prepar
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participate in the
water and face h
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4
Pride and Prejudice
An English novel
story centres on
Elizabeth Bennet
satirizes the soci
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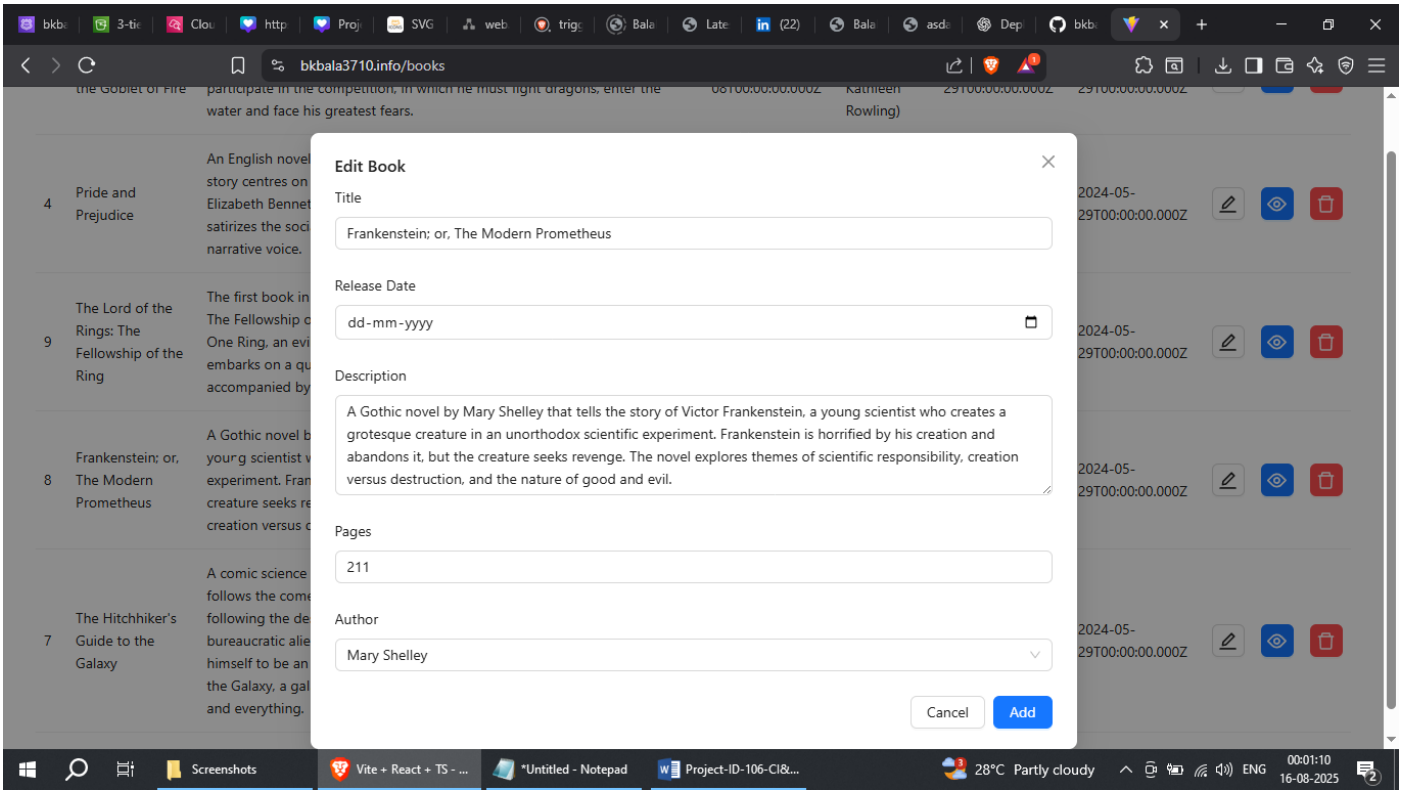
bkbala3710.info/books
water and face his greatest fears.
Rowling)
4
Pride and Prejudice
An English novel
story centres on
Elizabeth Bennet
satirizes the soci
narrative voice.
2024-05-29T00:00:00.000Z
9
The Lord of the Rings: The Fellowship of the Ring
The first book in
The Fellowship o
One Ring, an evi
embarks on a qu
accompanied by
2024-05-29T00:00:00.000Z
8
Frankenstein; or, The Modern Prometheus
A Gothic novel b
young scientist w
experiment. Fran
creature seeks re
creation versus d
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7
The Hitchhiker's Guide to the Galaxy
A comic science
follows the come
following the de
bureaucratic alie
himself to be an
the Galaxy, a gal
and everything.
2024-05-29T00:00:00.000Z
Edit Book
Title
Frankenstein; or, The Modern Prometheus
Release Date
dd-mm-yyyy
Description
A Gothic novel by Mary Shelley that tells the story of Victor Frankenstein, a young scientist who creates a grotesque creature in an unorthodox scientific experiment. Frankenstein is horrified by his creation and abandons it, but the creature seeks revenge. The novel explores themes of scientific responsibility, creation versus destruction, and the nature of good and evil.
Pages
211
Author
Mary Shelley
Cancel
Add
Screenshots
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*Untitled - Notepad
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28°C Partly cloudy
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16-08-2025