



J.K. ROWLING ANGULAR PORTFOLIO PROJECT

An Overview of Key Angular Concepts

~JAYASHREE A

Angular Components

- Components are the building blocks of an Angular application.
- Each component consists of HTML, CSS, and TypeScript.
- Example: The Books Component displays a list of books.

Parent-Child Components

- • Parent components can pass data to child components using @Input.
- • Child components can send data back using @Output and EventEmitter.
- • Example: The BookList component passes book details to the BookCard component.

Directives in Angular

- Structural Directives: Modify the DOM structure (e.g., `*ngIf`, `*ngFor`).
- Attribute Directives: Modify the appearance or behavior of an element (e.g., `ngClass`, `ngStyle`).

@Input and @Output Decorators

- @Input: Passes data from a parent component to a child component.
- @Output: Sends events from child to parent using EventEmitter.
- Example: BookCardComponent receives book details via @Input.

Angular Routing and Parameters

- RouterModule enables navigation between pages.
- Route Parameters allow passing dynamic data in URLs.
- Example: '/books/:id' routes to a specific book detail page.

Local Storage in Angular

- Stores data persistently in the browser.
- Useful for saving user preferences, authentication tokens, etc.
- Example: Storing favorite books in local storage.

Services and Observables

- Services provide reusable logic across components.
- Observables enable asynchronous data handling.
- Example: BookService fetches book data using HTTP requests.

API Calls in Angular

- HttpClientModule allows making HTTP requests.
- Fetches dynamic data from external APIs or databases.
- Example: Fetching book details from a JSON API.

Form Handling in Angular

- Template-Driven Forms: Uses directives like `ngModel`.
- Reactive Forms (Model-Based): Uses `FormControl` and `FormGroup`.
- Example: Contact form in the portfolio page.

App Screenshots



🏰 Achievements in the Wizarding World 🪄

📖 Bestselling Author

Sold over **500 million** copies of *Harry Potter* worldwide.

🏆 Order of Merit

Recipient of the Hugo and British Book Awards.

🎬 Magical Blockbusters

Harry Potter movies are among the highest-grossing ever.

🐉 Wizarding World

Created *Pottermore* (now *Wizarding World*) to expand the universe.

💰 Philosopher's Philanthropy

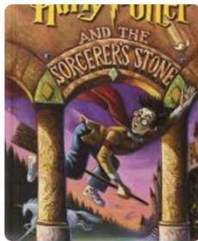
Lost billionaire status due to extensive charity donations.

🔮 Mystical Mysteries

Writes *Cormoran Strike* series under the pen name *Robert Galbraith*.

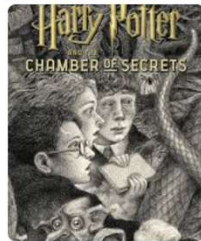


J.K. Rowling's Harry Potter Books



Harry Potter and the Sorcerer's Stone

The first book in the Harry Potter series, where Harry discovers he is a wizard and attends Hogwarts.



Harry Potter and the Chamber of Secrets

Harry returns to Hogwarts for his second year and faces the mystery of the Chamber of Secrets.



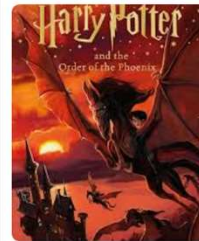
Harry Potter and the Prisoner of Azkaban

Harry learns about his godfather Sirius Black and the truth about his parents' past.



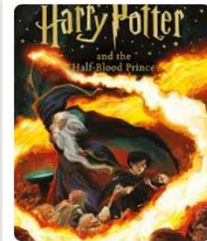
Harry Potter and the Goblet of Fire

Harry is mysteriously entered into the Triwizard Tournament and faces dangerous challenges.



Harry Potter and the Order of the Phoenix

Harry faces the Ministry of Magic's denial of Voldemort's return and forms Dumbledore's Army.



Harry Potter and the Half-Blood Prince

Harry learns about Voldemort's past and the Horcruxes while dealing with teenage struggles.



Harry Potter and the Deathly Hallows


Harry and his friends go on a dangerous




CONTACT J.K. ROWLING


Send Your Owl Post

If you wish to send a message to the wizarding world, fill out this enchanted scroll below.

 Your Name:

 Your Email:

Please fill out this field.

 Your Message:


 Send via Owl Post





CONTACT J.K. ROWLING


Send Your Owl Post

If you wish to send a message to the wizarding world, fill out this enchanted scroll below.

 Your Name:

 Your Email:

 Please fill out this field.

 Your Message:

 Send via Owl Post

Achievements in the Wizarding World

Bestselling Author

Sold over **500 million** copies of ***Harry Potter*** worldwide.

Order of Merlin

Recipient of the Hugo and British Book Awards.

Magical Blockbusters

Harry Potter movies are among the highest-grossing ever.

Wizarding World

Created ***Pottermore*** (now ***Wizarding World***) to expand the universe.

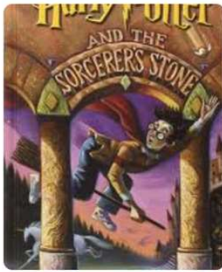
Philosopher's Philanthropy

Lost billionaire status due to extensive charity donations.

Mystical Mysteries

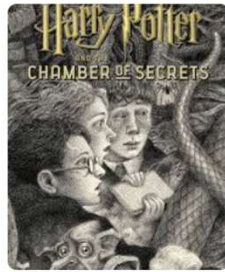
Writes ***Cormoran Strike*** series under the pen name ***Robert Galbraith***

J.K. Rowling's Harry Potter Books



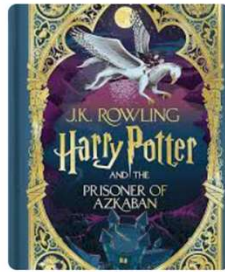
Harry Potter and the Sorcerer's Stone

The first book in the Harry Potter series, where Harry discovers he is a wizard and attends Hogwarts.



Harry Potter and the Chamber of Secrets

Harry returns to Hogwarts for his second year and faces the mystery of the Chamber of Secrets.



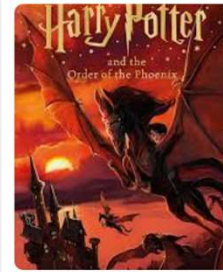
Harry Potter and the Prisoner of Azkaban

Harry learns about his godfather Sirius Black and the truth about his parents' past.



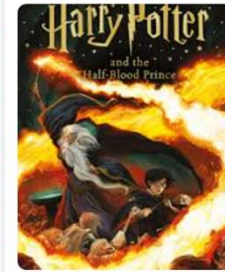
Harry Potter and the Goblet of Fire

Harry is mysteriously entered into the Triwizard Tournament and faces dangerous challenges.



Harry Potter and the Order of the Phoenix

Harry faces the Ministry of Magic's denial of Voldemort's return and forms Dumbledore's Army.



Harry Potter and the Half-Blood Prince

Harry learns about Voldemort's past and the Horcruxes while dealing with teenage struggles.



Harry Potter and the Deathly Hallows

Harry and his friends go on a dangerous journey to destroy Voldemort's Horcruxes.

Conclusion

- This project demonstrates essential Angular concepts.
- It includes components, routing, services, and API integration.
- A well-structured Angular project enhances scalability and maintainability.