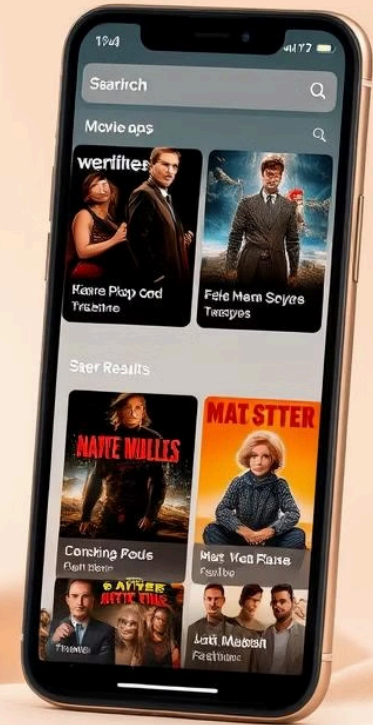


# Movie Search App: React Native & OMDb API

This presentation outlines the development of a Movie Search app using React Native. The app will leverage the OMDb API to fetch movie data. Users can search, view details, and potentially review movies on Android and iOS platforms.



# Project Requirements

## Search Bar

A search bar component allows users to enter movie titles.

- Real-time search suggestions.
- Clear button and accessible controls.

## OMDb API Integration

The app utilizes the OMDb API to fetch movie data.

- Secure API key management.
- Error handling for API requests.

# UI Design & List View Rendering



## List View

Search results render in a list view with movie names and posters.



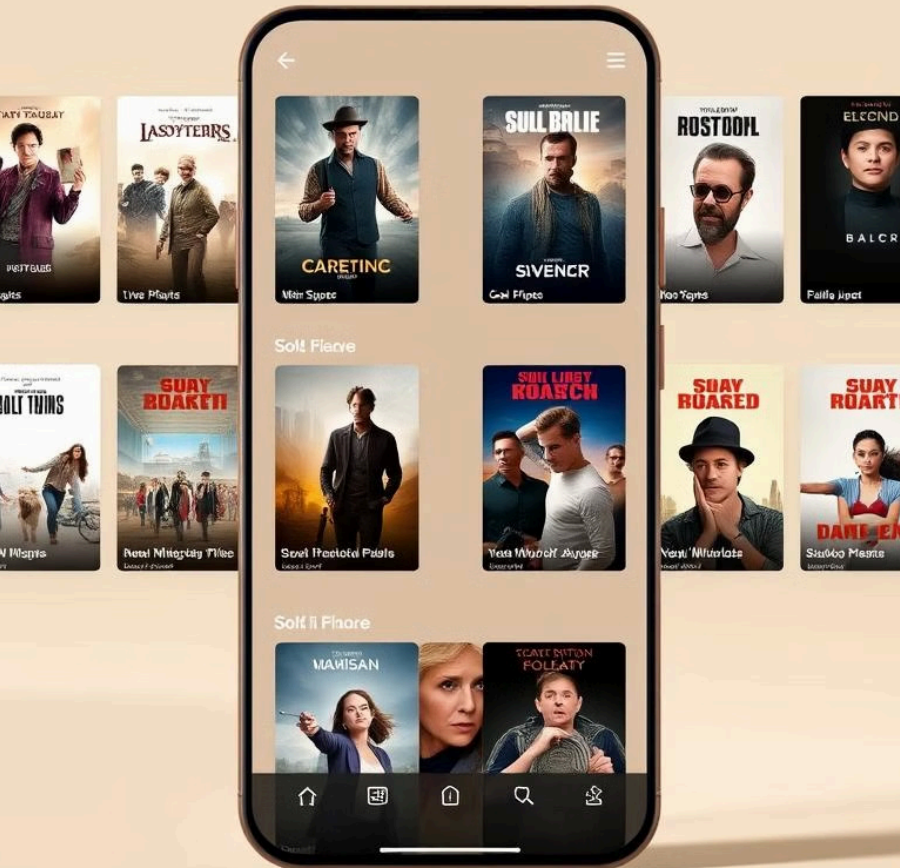
## Accessibility

Ensures accessibility for users with disabilities.



## Responsive Layout

Adapts to different screen sizes and orientations.



# Implementing the Search Functionality



## Search Bar Component

Reusable component with state management.



## API Request

Calls the OMDb API with the search query.



## Debouncing

Limits API calls for performance.

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# Data Fetching and Error Handling



## Async Function

Handles the API request.



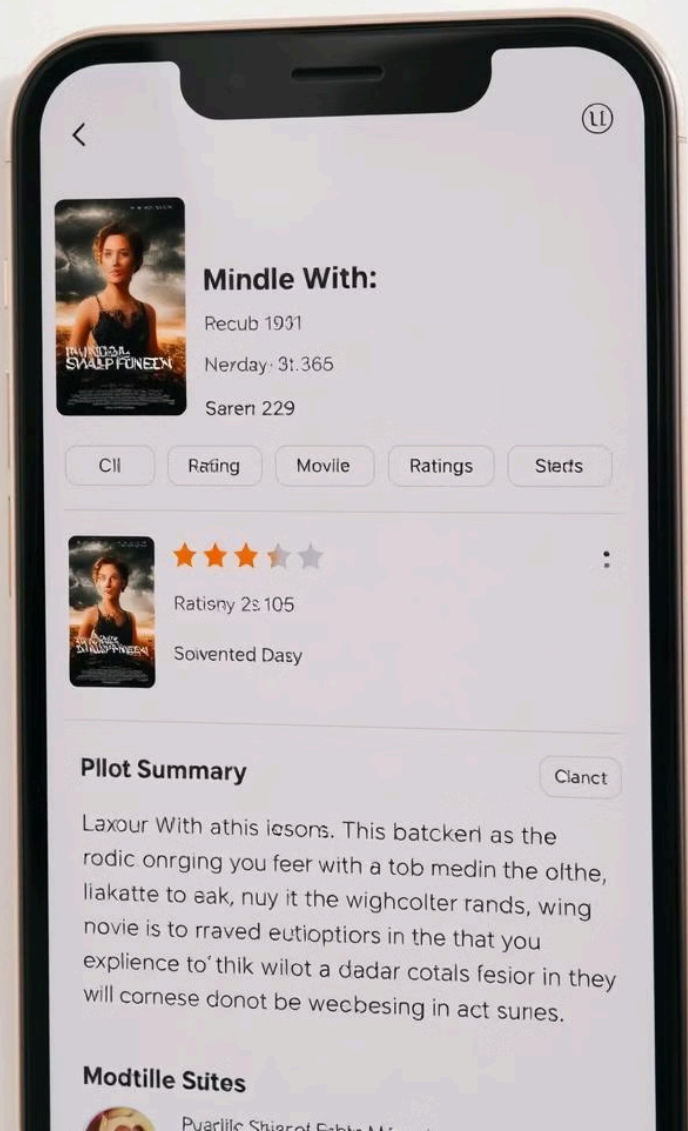
## Try...Catch Block

Implements error handling.



## Loading State

Displays a loading indicator.



# Movie Detail View



## Navigation

From list view to detail view.



## Detail View Component

Displays detailed movie information.



## Data Fetching

Uses the IMDb ID to fetch data.

# Conclusion

Created a React Native app that allows users to search for movies, view details, and get ratings using the OMDb API.

- **Future Enhancements:**
  - Adding user reviews and ratings.
  - Implementing more advanced search filters.
  - Enhancing UI with better styling and animations.