

States in VueJs

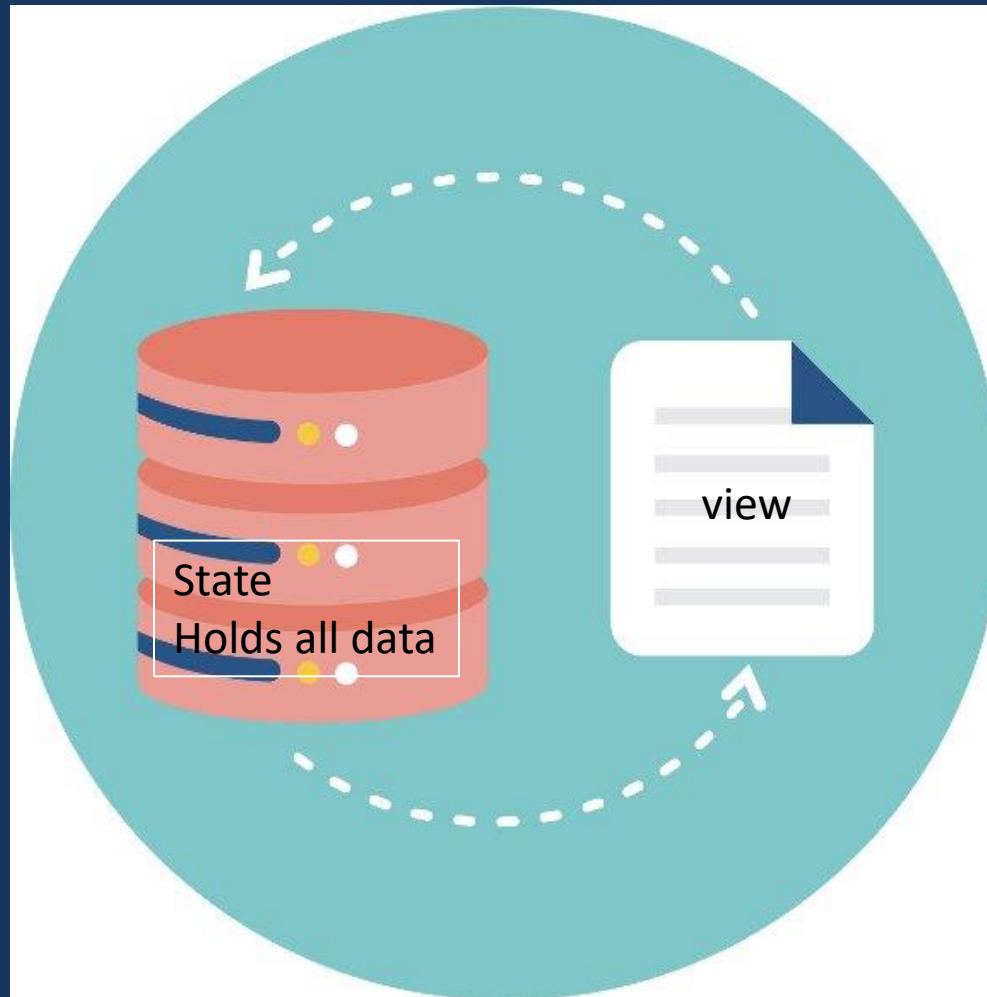


"state" refers to the **data** that a component holds and manages

It's what determines how your component looks and behaves at any given time.

When the state changes, Vue automatically updates the DOM (UI) to reflect those changes.

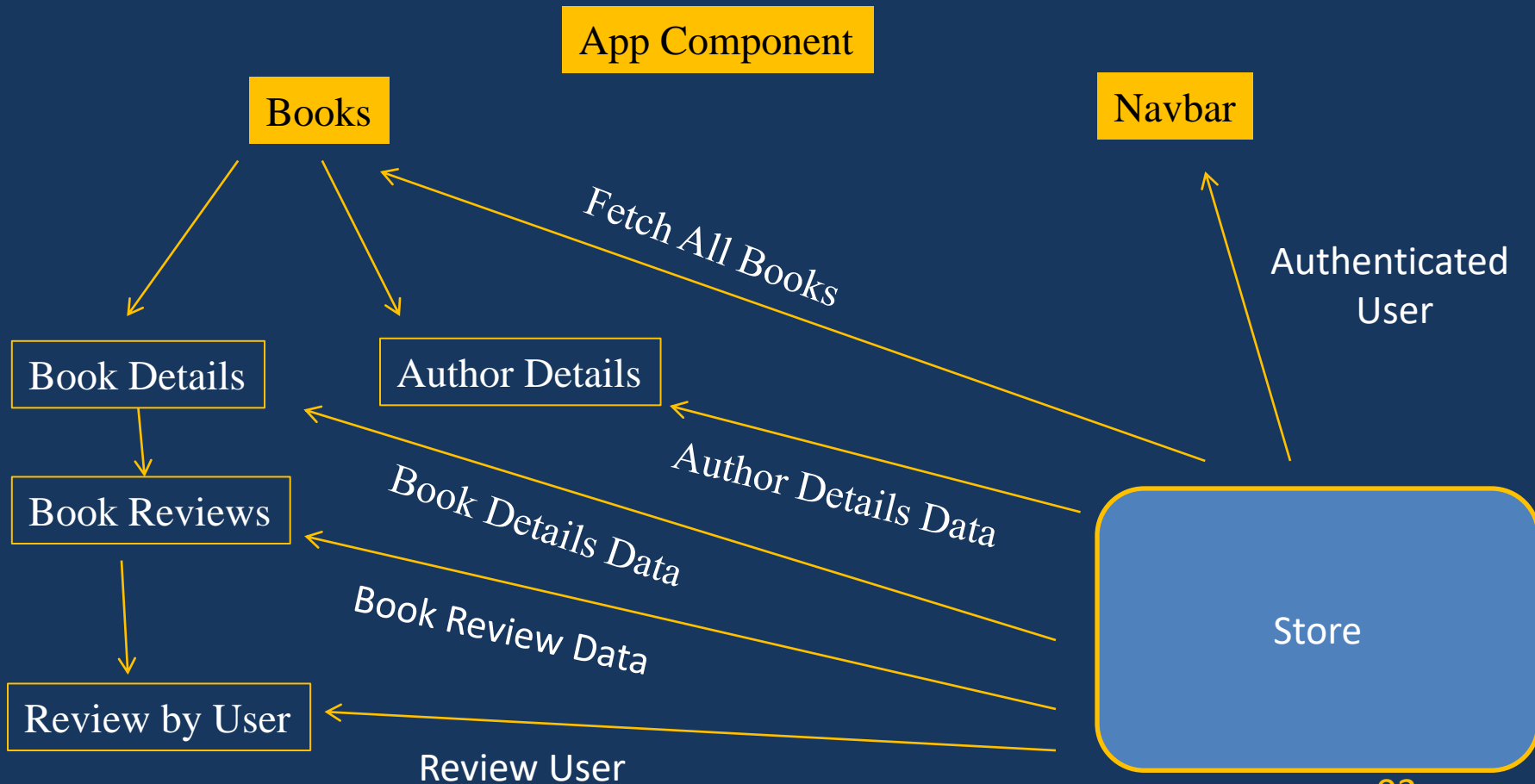
States in VueJs



Store in VueJs



A store is like a centralized container to manage and share state between components



Why We Need Store in VueJs



Fetch All Books

App Component

keep authentication
Information all time

Books

Navbar

Book details, book review
And review user as props

Book Details

Author Details as props

Author Details

Book review and
Review user as props

Book Reviews

Review user as props

Review by User

Vue Component & Pinia Store



Component

Data

Computed Properties

Methods

Store

State

Getters

Actions

Introduction To Pinia



Pinia is the official state management library for Vue.js

Flexible alternative to Vuex , can be use in vuejs v2 & vuejs v3

It provides a straightforward way to manage and share state across components in your Vue applications

In November 2019 , Pinia started as an experiment to redesign for Vue Store with the Composition API

But it doesn't require you to use the composition API

Why Pinia



Devtools support

A timeline to track actions, mutations
Stores appear in components where they are used
Time travel and easier to debugging

Hot module replacement

Modify your stores without reloading your page
Keep any existing state while developing

Plugins: extend Pinia features with plugings

Proper typescript support or autocompletion for JS user

Server Side Rendering Support