

## APP.JSX

```
import { createContext, useContext, useState } from "react";
import "./App.css";

/* ----- CONTEXT ----- */
const AppContext = createContext();

const AppProvider = ({ children }) => {
  const [page, setPage] = useState("home");
  const [selectedEvent, setSelectedEvent] = useState(null);

  const [user, setUser] = useState(
    JSON.parse(localStorage.getItem("user"))
  );

  const [events, setEvents] = useState([
    {
      id: 1,
      title: "Nimbus Tech Conference",
      date: "20 Feb 2026",
      location: "Bangalore",
      seats: 40,
      description: "Premium tech event by Nimbus"
    },
    {
      id: 2,
      title: "AI Future Summit",
      date: "15 Mar 2026",
      location: "Delhi",
      seats: 30,
      description: "Exploring AI innovations"
    }
  ]);
}

const [bookings, setBookings] = useState([]);

const login = (email) => {
  const loggedUser = {
    email,
    role: email === "admin@nimbus.com" ? "admin" : "user"
  };
  setUser(loggedUser);
  localStorage.setItem("user", JSON.stringify(loggedUser));
}
```

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    setPage("home");
};

const logout = () => {
  setUser(null);
  localStorage.removeItem("user");
  setPage("home");
};

const bookEvent = (event) => {
  if (event.seats === 0) return alert("No seats available");
  setEvents(events.map(e =>
    e.id === event.id ? { ...e, seats: e.seats - 1 } : e
  ));
  setBookings([...bookings, event]);
  console.log("Email confirmation sent (mock)");
};

return (
  <AppContext.Provider value={{
    page, setPage,
    selectedEvent, setSelectedEvent,
    user, login, logout,
    events, setEvents,
    bookings, bookEvent
  }}>
    {children}
  </AppContext.Provider>
);
};

const useApp = () => useContext(AppContext);

/* ----- UI ----- */
const Navbar = () => {
  const { setPage, user, logout } = useApp();
  return (
    <nav className="nav">
      <h2 onClick={() => setPage("home")}>🌐 Nimbus</h2>
      <div>
        <button onClick={() => setPage("home")}>Events</button>
        {user && <button onClick={() => setPage("dashboard")}>Dashboard</button>}
        {user?.role === "admin" && (
          <button onClick={() => setPage("admin")}>Admin</button>
        )}
      </div>
    </nav>
  );
};

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    {user ? (
      <button onClick={logout}>Logout</button>
    ) : (
      <button onClick={() => setPage("login")}>Login</button>
    )
  </div>
</nav>
);
};

/* ----- PAGES ----- */
const Home = () => {
  const { events, setPage, setSelectedEvent } = useApp();
  return (
    <div className="container">
      <h1>Upcoming Events</h1>
      <div className="grid">
        {events.map(e => (
          <div className="card" key={e.id}>
            <h3>{e.title}</h3>
            <p>{e.date} | {e.location}</p>
            <button onClick={() => {
              setSelectedEvent(e);
              setPage("details");
            }}>
              View Details
            </button>
          </div>
        )));
      </div>
    </div>
  );
};

const EventDetails = () => {
  const { selectedEvent, bookEvent, setPage } = useApp();
  if (!selectedEvent) return null;

  return (
    <div className="container">
      <h2>{selectedEvent.title}</h2>
      <p>{selectedEvent.description}</p>
      <p>Seats Available: {selectedEvent.seats}</p>
      <button onClick={() => bookEvent(selectedEvent)}>
        Book Seat
      </button>
    </div>
  );
};

```

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        </button>
        <button onClick={() => setPage("home")}>Back</button>
    </div>
);
};

const Login = () => {
    const { login } = useApp();
    const [email, setEmail] = useState("");

    return (
        <div className="container">
            <h2>Login</h2>
            <input
                placeholder="Enter email"
                onChange={e => setEmail(e.target.value)}
            />
            <button onClick={() => login(email)}>Login</button>
            <p>Admin Email: admin@nimbus.com</p>
        </div>
    );
};

const Dashboard = () => {
    const { bookings } = useApp();
    return (
        <div className="container">
            <h2>My Bookings</h2>
            {bookings.length === 0 && <p>No bookings yet</p>}
            {bookings.map((b, i) => (
                <p key={i}>{b.title}</p>
            )))
        </div>
    );
};

const Admin = () => {
    const { events, setEvents } = useApp();
    const [title, setTitle] = useState("");

    const addEvent = () => {
        if (!title) return;
        setEvents([...events, {
            id: Date.now(),
            title,
        }]);
    };
};
```

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        date: "Coming Soon",
        location: "TBD",
        seats: 50,
        description: "New admin added event"
    ]]);
    setTitle("");
};

return (
    <div className="container">
        <h2>Admin Panel</h2>
        <input
            placeholder="Event title"
            value={title}
            onChange={e => setTitle(e.target.value)}
        />
        <button onClick={addEvent}>Add Event</button>
    </div>
);
};

/* ----- CONTENT ----- */
const AppContent = () => {
    const { page } = useApp();
    return (
        <>
            <Navbar />
            {page === "home" && <Home />}
            {page === "details" && <EventDetails />}
            {page === "login" && <Login />}
            {page === "dashboard" && <Dashboard />}
            {page === "admin" && <Admin />}
        </>
    );
};

/* ----- ROOT ----- */
export default function App() {
    return (
        <AppProvider>
            <AppContent />
        </AppProvider>
    );
}

```

