Zustand

Installation

```
npm install zustand
```

Utilisation

```typescript
interface IUser {
    name: string;
}

interface IUsersState {
    users: IUser[];
    setUsers: (users: IUser[]) => void;
    changeRole: (userId: number) => void;
    fetchAllUsers: () => void;
}

const useUsersStore = create<IUsersState>((set) => ({
    users: [],
    setUsers: (users: IUser[]) => set({ users }),
    changeRole: (userId: number) => set((prevState) => {
            const oldUsers = prevState.users;
            const updatedUsers = oldUsers.map((user) => {
                    if (user.id === userId) return { ...user, admin: true };

                    return user;
            });

            return { users: updatedUsers }
    }),
    fetchUsers: async () => {
            const fetchedUsers = await fetchUsers();
            if (fetchedUsers) set({ users: fetchedUsers || [] });
    }
}));

export function Zustand() {
    const { users, setUsers, changeRole, fetchAllUsers } = useUsersStore(
            (state) => state
    );

    useEffect(() => {
```

```
            fetchAllUsers();
    }, []);

    return <UsersList users={users} onChangeRole={changeRole}>
}
```