**Hotel Booking Calendar**

**Task Description:**

You are tasked with building a hotel booking calendar using Vue 2 and Vuex. The calendar should display weekly reservations for each apartment, allowing users to navigate forward, backward, and return to the current week. The reservation details should be fetched from a provided array and displayed in the calendar grid.

**Requirements:**

1. Vue 2: Use Vue.js to create the components and manage the UI.
2. Vuex: Utilize Vuex for state management to handle the reservations data and navigation state.
3. Calendar Display:

* Each row in the table represents an apartment.
* Each column represents a day of the week (Mon-Sun).
* Display reservations with a solid line from the start to the end date, showing the client's name.
* Consider that for one day, it is possible for the end of one reservation and the start of a second one to occur for one apartment.

1. Navigation Buttons: Implement three navigation buttons:

* "Forward" (move a week ahead)
* "Back" (move a week ago)
* "Today" (return to the current week).

1. Reservation Time:

* Consider that check-in and check-out occur from the middle of the day.
* Reservations start from the middle of the start date and end in the middle of the end date.

1. Reservation Pop-up:

* Implement a feature that opens a small pop-up with reservation details when a user clicks on a reservation line. The pop-up should display information such as the client's name, apartment details, start date, and end date.

1. Git Repository:

* Create a Git repository for the project on a platform of your choice (e.g., GitHub, GitLab, Bitbucket).

1. Documentation and Repository Credentials:

* Provide a short documentation file (README.md) in the repository that includes instructions on how to set up and run the project.
* Include credentials or access details for the Git repository in your submission.

**Submission:**

* Provide the source code of the Vue.js components and Vuex store.
* Include comments explaining the logic.
* Include a short documentation file (README.md) in the Git repository.
* Provide credentials or access details for the Git repository.

**Evaluation Criteria:**

* Proper use of Vue.js and Vuex concepts.
* Accurate rendering of reservations in the weekly calendar.
* Implementation of the reservation pop-up feature.
* Correct implementation of navigation buttons.
* Clear and organized code structure.
* Proper setup and documentation of the Git repository.

**Basic example:**

