Golan Highest House App

# background:

I come from a large family - we are 10 cousins, most of us are married and some of us have children. Our parents decided to buy a holiday house together in Katzrin, which could be used by all of us.

Since none of us are live nearby - it is necessary to manage the house remotely - who is planning to come and visit? When? Does one of the family members want to hold an event for his friends, or is it a family vacation and the rest of the family is invited?

In addition - it is expected that significant and important information will be accumulated regarding the house - the password for WiFi, the amount and type of food left in the pantry, monitoring of technical faults and maintenance issues and the like.

# The proposed solution:

Web App for management of the holiday house. The application will include a booking feature for the purpose of "reserving" the house (with / without the option for other users to join the vacation). Secondly, the app will allow concentration of important and useful information: a to-do list for check-in / check-out, updating pantry-stock list and the option to add information by family members (in a forum configuration, or similar)

## Task Description:

This is a React-based front-end project. The product will be accessible from any modern and responsive mobile browser. Since this is a holiday home app - it is expected that most of the use will be via mobile.

The task requires including various API readings as well as including multiple pages to implement routing using React.

As the product firstly aims to serve my (Israeli) family – the interface will be in Hebrew. At the lowest priority I intend to make it bilingual.

I intend to use *mockapi* or a similar service, maybe in the end project (which will also include back-end) I can replace it with a real server.

# Features:

## Mast:

* Login (unsecured - based on manual approval or by creating an unsecured API user)
* Booking Calendar - A user will be able to reserve / cancel reservations of dates, and specify whether or not other users are allowed to join the vacation.
* Static information page: Fixed information like password for wifi, password for the front door, where is the power switch, where is the main water valve. Check-in and check-out checklists

## High priority:

* Pages with dynamic information: pantry
* Forum-like with "post" and "edit" capability only

## Medium priority:

* Adding a location to forum posts (for saving trips in the area)
* Use location in navigation apps.

## Low priority - nice to have:

* Secure Login - Examining Options (Using Google or Other Alternatives)
* Upload photos from the app to Dropbox or Google Drive and connect to the forum.

## Lowest priority:

* Bilingual app (add English) using i18n





 



