

# Basic room reservation system.

Libraries: Used jQuery and Bootstrap4

Source Control: GitHub URL: <https://github.com/RoryGren/reservation>

## Files & Folders

Index.php

User can specify a range of dates - check-in and check-out, number of people for the booking. A clickable list of rooms is displayed for selection, containing with basic details.

When room selected, modal popup allows the user to fill in name and contact details and then confirm or cancel booking details.

Clicking button checks for required field population, confirms existing user, by name and telephone number, or creates new record and writes reservation to database.

Anchor link to search page.

resFind.php

Basic search function

User can search assets/rooms, users and reservations

input field id="searchString" uses ajax to query database and populate table with search results

Searches on Name, Tel, Email or Room description

Anchor link to reservation page.

classes/classRes.php

Holds classRes with methods and properties called

scripts/ folder

Contains jQuery, Bootstrap and custom Javascript / jQuery files

style/ folder

Contains custom css and Bootstrap stylesheets

SQL/ folder

Contains scripts to create database tables.

Notes: (Future development / additions - other than making pretty.)

1. Check for & prevent double bookings.

2. Check that dates are only in the future.

3. Only does insert and select. No update or delete.

4. Field display order needs to be corrected. (Array indexes were used for ajax data transfer to PHP. Should be changed to use input field id.)

5. Proper field validation.

6. Add editing of records - clients, rooms, etc.

(Not keen on deleting records from database. Prefer "status" flag to show record as active or inactive)