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| **Test scenario** | **Test case name** | **Test data** | **Test steps** | **Expected results** | **Actual results** | **pass/fail** |
| **Registration** | Registration | Create user  Create password | 1. Enter username in registration form 2. Enter password in the registration form 3. Go to login 4. Attempt to login with username and password you just created | Successfully logged in and directed to home page | After registering and logging in user is directed to home page | pass |
|  | Registration with missing data | Enter a username with no password  Or  No username only the password | 1. Enter username in registration form but no password 2. Click register | Missing data error  Not successfully registered | Webpage highlights that the password field needs to be filled | pass |
|  | Registration with used data | Enter an already existing username and password | 1. Enter already existing username 2. Enter password that matches username | You have already been registered error message displayed | Doesn’t allow user to sign up since username is already taken | pass |
| **Check login and authentication functionality** | Check results on entering valid User ID & Password | Userid = up894074 Password = correctpw | 1. Go to Bookio Website 2. Enter UserId 3. Enter Password 4. Click Submit | User should be logged in  Successfully directed to the home page | As expected | pass |
|  | Verify results on entering Invalid User ID & Password (Check permutation and combinations) | Userid = guru99 Password = ygeyieh | 1. Go to Bookio website 2. Enter UserId 3. Enter Password 4. Click Submit | User should NOT be logged in | User isn’t logged in and remains on the log in page so they can attempt again | pass |
|  | Check response when a User ID is Empty & Login Button is pressed |  | 1. Go to Bookio website 2. Do not enter any username or password 3. Click submit | You should not be able to login  You are not directed to the homepage | webpage highlights the missing user+password fields, user remains on login page | **pass** |
|  | Recover password when forgotten | Input - click forgotten password, email | 1. Go to Bookio website 2. Click forgotten password 3. Enter email address 4. Click send email button | Email received with password | there isn’t a recover password link on login page | **fail** |
|  | Recover password when forgotten but typed wrong email | Input - click forgotten password, email | 1. Go to Bookio website 2. Click forgotten password 3. Enter email address 4. Click send email button | No email received | there isn’t a recover password link on login page | **fail** |
|  | Book a room without a login |  | 1. Go to Bookio website 2. Attempt to navigate to booking room | Unable to get to the booking room without logging in | **To access booking user must log in first** | **pass** |
|  | Book a laptop without a login |  | 1. Go to Bookio website 2. Attempt to navigate to laptop room | Unable to get to the laptop page without logging in | **To access booking user must log in first** | **pass** |
| **Booking room** | Verify error message if no rooms are available | Input - select start, end date and time, select room | 1. Go to Bookio website 2. Login and navigate to room page 3. Select a slot to book a room 4. Click submit | There should be no slots available to click  Calendar should look full | **User is still able to book a slot** | **fail** |
|  | Verify successful room booking | Input - select start, end date and time, select room | 1. Go to Bookio Website 2. Login and navigate to room page 3. Select a slot to book a room 4. Click submit | Booking displayed on the booking page | **After selecting and confirming a slot it is shown on the calendar** | **pass** |
|  | Check if picking the time works | Input: start time, end time, date | select a slot on the calendar | After selecting on calendar there booking is shown on calendar | booking is shown on calendar | **pass** |
|  | Overlapping inputs  ------------------  Check to see if two people can book the same time slot  Or  The same person books two slots at the same time | Input - select time and select room | 1. Go to Bookio Website 2. Login and navigate to room page 3. Select a slot to book a room 4. Attempt to book a room at partly the same time as another booking 5. Click submit | Unable to proceed  “No overlaps” should be displayed | Multiple slots can be booked by one person, causing overlaps | **fail** |
|  | Delete a room booking | Select time slot to be deleted | 1. Go to Bookio Website 2. Navigate to room booking page 3. Select the booking you want to delete that you have created 4. Click delete | You no longer see the time slot you had previously booked | There is currently not an option to delete booked slots | **fail** |
|  | Delete room booking of a time slot that you have not created | Select time slot to be deleted | 1. Go to Bookio Website 2. Navigate to room booking page 3. Select the booking you want to delete that a different student has created 4. Click delete | Unable to delete time slot | **Unable to delete slots** | **pass** |
|  | Limit to number of room bookings. Only allowed two room bookings every 24 hours. |  | 1. Go to Bookio Website 2. Navigate to booking room page 3. Attempt to make 3 room bookings within 24 hours | First room booking successful  Second room booking successful  Third room booking unsuccessful | User can book any amount of slots as a limit has not been implemented | **fail** |
| **Laptop Booking** | Verify error message if no laptops are available | Input - select time and select laptop | 1. Go to Bookio Website 2. Login and navigate to laptop page 3. Select a slot to book a room 4. Click submit | No slots available to book laptop  Unable to submit | **User is still able to book a laptop** | **fail** |
|  | Verify successfully booked laptops | Input - select time and select laptop | 1. Go to Bookio Website 2. Login and navigate to laptop page 3. Select time and laptop 4. Click submit | **User successfully books a laptop, and is shown on the calendar** | **Expected results are achieved. User is successful in booking.** | **pass** |
|  | Overlapping slots  Check to see if one student can book the same laptop at the same time (or partially at the same time)  ------------------Check to see if two students can book the same laptop at the same time (or partially at the same time | Input - select time and select laptop | 1. Go to Bookio website 2. Login and navigate to laptop page 3. Select time and laptop 4. Click submit 5. Navigate back to the laptop page 6. Select same time and same laptop as step 3 7. submit | Unable to submit the second time  Booking laptop unsuccessful | **User is able to book multiple slots resulting in overlapping** | **fail** |
|  | Delete a laptop booking | Select time slot to be deleted | 1. Go to Bookio Website 2. Navigate to laptop booking page 3. Select the booking you want to delete that you have created 4. Click delete | You no longer see the time slot you had previously booked | **User cannot delete their slot as there is no option to** | **fail** |
|  | Delete laptop booking of a time slot that you have not created | Select time slot to be deleted | 1. Go to Bookio Website 2. Navigate to laptop booking page 3. Select the booking you want to delete that a different student has created 4. Click delete | Unable to delete time slot | **User is unable to delete slot** | **pass** |
|  | Limit to five laptop reservations per 24 hours. |  | 1. Go to Bookio Website 2. Navigate to laptop page 3. Attempt to make 6 laptop bookings within 24 hours | First, second, third, fourth, fifth laptop booking successful  Sixth laptop booking unsuccessful. No reservations displayed on the calendar. | **User can book as many slots as they want, as there is not a limit implemented** | **fail** |
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