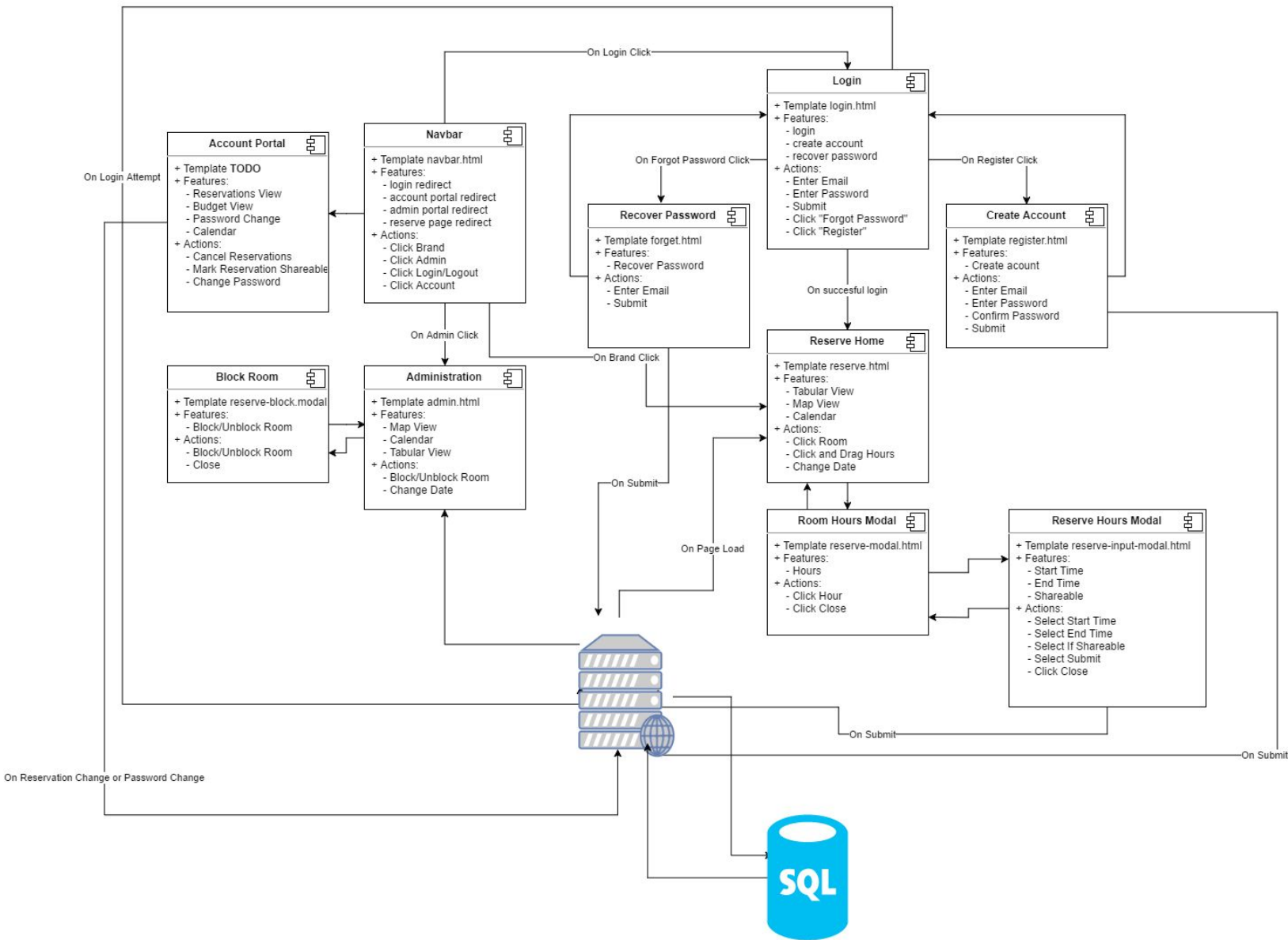


Team 11: Incremental and Regression Testing Log

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Components



Component Breakdowns

Account Portal

Input:

Reservation Information - JSON list
Password - String
Button Press

Output:

Reservation modification
Password modification

Called by:

Navbar

Calls:

Server

Navbar

Input:

Button Press

Output:

None

Called by:

None

Calls:

Administration
Account Portal
Login
Reserve Home

Login

Input:

Email - String
Password - String
Button Press

Output:

Login attempt

Called by:

Navbar

Calls:

Server
Reserve Home
Create Account
Recover Password

Recover Password

Input:

Email - String
Button Press

Output:

POST email request

Called by:

Login

Calls:

Server
Login

Create Account

Input:

Email - String
Password - String
Button Press

Output:

POST email request

Called by:

Login

Calls:

Server
Login

Block Room

Input:

Selected Room - JSON
Button Press

Output:

POST block request

Called by:

Administration

Calls:

Server
Administration

Administration

Input:

Room information - JSON list
Mouse click

Account information - Session auth token

Output:

Selected Room - JSON

Called by:

Navbar

Calls:

Server

Block Room

Reserve Home

Input:

Mouse click

Account information - Session auth token

Output:

Selected Room - JSON

Account information - Session auth token

Called by:

Navbar

Login

Calls:

Server

Room Hours Modal

Room Hours Modal

Input:

Selected room - JSON

Button press

Account information - Session auth token

Output:

Selected Hour - int

Available Hours - int list
Account information - Session auth token

Called by:

Reserve Home

Calls:

Reserve Hours Modal

Reserve Hours Modal

Input:

Start Hour - int
End Hour - int
Available Hours - int list
Shareable - boolean
Account information - Session auth token

Output:

POST reserve request

Called by:

Room Hours Modal

Calls:

Server
Reserve Home

Server

Input:

POST requests
GET requests
Login attempts
SQL Data

Output:

Account information -session auth token
Room information - JSON list
Verification emails

Recovery emails

Called by:

Account Portal
Login
Recover Password
Create Account
Block Room
Administration
Reserve Home
Room Hours Modal
Reserve Hours Modal

Calls:

Database

Database

Input:

SQL Query

Output:

SQL Data

Called by:

Server

Calls:

None

Incremental Testing

Automation Method

All automatable tests were automated using JSFiddle, all other tests on Testing Plan were performed by hand.

<<http://jsfiddle.net/sfellers/4rs1hnnd/>>

Account Portal

#	Description	Severity	Solution
01	Account page doesn't show the correct allowance hour	2- somewhat important	Fixed
02	Account page doesn't show the reservation	1-critical	Fixed

Navbar

All test passed

#	Description	Severity	Solution

Login

All test passed

#	Description	Severity	Solution
01			

Recover Password

#	Description	Severity	Solution
01	Email not sent because the code for it has not been implemented	1-Critical	TODO: To be implemented

02	Pin page not implemented	1-Critical	TODO: To be implemented
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Create Account

#	Description	Severity	Solution
01	Redirection from failed creation does not redirect to main page	4-least important	Fixed
02	Incorrect message on bad password	4-least important	Fixed
03	Incorrect message on bad email	4-least important	Fixed
04	Does not cut off number of possible characters for a valid email	3-not very important	Fixed

Block Room

#	Description	Severity	Solution
01	No way to validate administrator	2-somewhat important	Fixed
02	The block room works on frontend with hard-coded testing data. However, the page need to be updated but it is not.	2-somewhat important	Fixed

Administration

#	Description	Severity	Solution
01			
02			

Reserve Home

#	Description	Severity	Solution
01	When validating that a room is shareable given some roomData, the validateShareable function returns true if the endTime is the same as the hour you are checking is shareable.	2	Change from >= to >.
02	When testing if a room was shareable after updating the roomData, if a room was blocked, the server would still treat the room as being shareable even if it didnt display that	3-not very important	Add in a check to make sure if a room is blocked the validateShareable function returns false.
03	Reservations failing when they go until midnight, failed check of endtime > starttime	1-Critical	Indexed hours until 24 instead of 0-23.
04	When validating that a room has a valid reservation, the validate function returns true if the endTime is the same as the hour you are checking.	1-Critical	Change from >= to >.

Room Hours Modal

#	Description	Severity	Solution

Reserve Hours Modal

#	Description	Severity	Solution
01	Cannot reserve room because modal doesn't open after syncing data from server since server data loads after DOM, and the code for opening the modal is reliant on data that is undefined at the time that it is injected in the DOM	1-Critical	Fixed
02	Allow user to reserve hours exceed the user's allowance.	1-critical	Fixed

Server

#	Description	Severity	Solution
01	API for blocking room	1-Critical	Fixed

	non-existent		
02	Confirmation email needs to be during registration.	1-Critical	Fixed
03	Add API call to allow for changing password	2-somewhat important	Fixed
04	Allow login through temporary pin for password recovery	2-somewhat important	Fixed
05	Add support for max reservation allowance checking/updating	2-somewhat important	Fixed
06	Add support for updating reservations	3-not very important	Fixed
07	Support for cleaning up reservations once time reservation time has passed	2-somewhat important	Fixed
08	Non-purdue email addresses are currently allowed	2-somewhat important	Fixed
09	When making 2 reservations at the same time, reservations overlapped	1-Critical	Reworked the isConflictingTime() function query
10	When making 2 reservations at the same time, reservations could encompass an already made reservation	1-Critical	Reworked the isConflictingTime() function query to handle encompassing

11	When logging into an invalid account we get back the message "Authenticated" in the response despite it not being authenticated	3-Workaround	TODO: Change response json
12	Allowed to use invalid credentials to register ie not a valid purdue email, not a valid password-type	1-Critical	TODO: add in checks inside the addAccount function

Database

All tests passed

#	Description	Severity	Solution

Regression Testing

Automation Method

Navbar

#	Description	Severity	Solution

Login

#	Description	Severity	Solution
01	After rerouting login to index post authentication, the navbar did not show up, the login-page was merely displaying html.	1-Critical	Fixed

Create Account

#	Description	Severity	Solution
01	Code was broken after fixing the registration page to send data to the server.	2-important	Fixed

Block Room

#	Description	Severity	Solution
01	Not implemented in the previous Unit Test		

Administration

#	Description	Severity	Solution
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01	Clicking on reservation hour modals does nothing	2-important	A bug had been fixed on reserve.html that uses some of the same javascript functions, copied the reserve.html code changes over.
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Reserve Home

#	Description	Severity	Solution
01	After fixing bug for validating if a room is shareable, test cases were not passing because they checked for the endTime of a reservation.	2-important	Changed test cases to match the functionality we wanted, if a room is reserved from 3 - 5, it is actually only reserved from 3 - 4:59.
02	When checking for reservations that go until midnight, they were being stored until hour 0:00, this failed a check to make sure reservations weren't being made in reverse time (ex. from 6pm to 4pm)	1-critical	Changed start time hours from 0 - 23 and endTime hours to 1 - 24.
03			

Room Hours Modal

#	Description	Severity	Solution
01	The room hours	1-critical	Fixed

	display hours of invalid registration		
02	The admin block still has effect even the date is already past the blocked date.	1-critical	TODO:Fix the blocking function on backend.

Reserve Hours Modal

#	Description	Severity	Solution
01	When changing hours to go from 1 - 24, DOM was failing	2-somewhat important	Added 1 to all id's when making reservations

Server

All regression tests passed

#	Description	Severity	Solution
01	Backend API calls allow registration with non-Purdue email address	3-not very important	Added email check method to be called when adding user
02	Backend API calls allow registration and password change with non-conformant password	3-not very important	Added password check method to be called when adding user and updating password
03	addReservation reservation length check before boundary check, so a reservation from -1 to 23 returns "you have insuffucient hours remaining, rather	4-least importance	Moved boundary check before reservation length check

	than “out of bounds [0-23]”		
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Database

All test passed

#	Description	Severity	Solution