**Task 2: Test log**

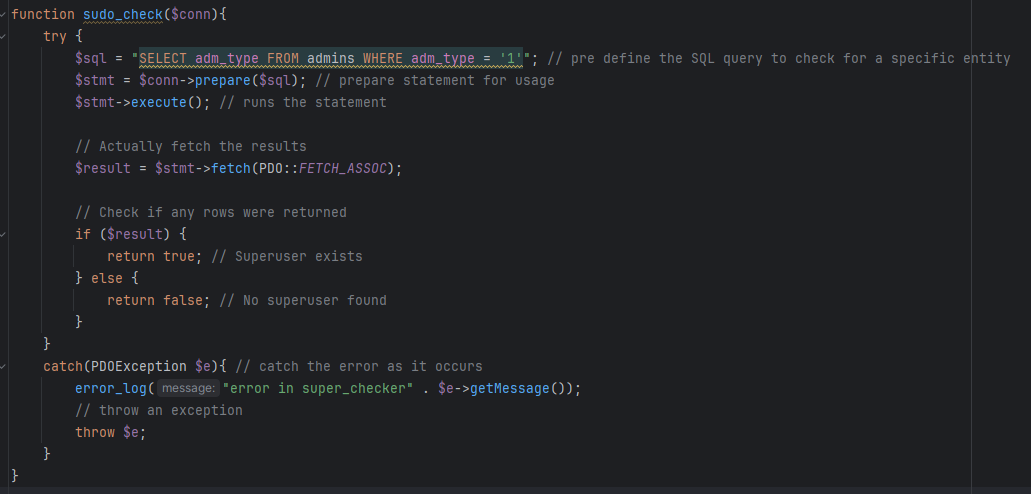
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description of test** | **Test data to be used (if required)** | **Expected outcome** | **Actual outcome** | **Comments and intended actions** |
| Testing DB Connect Script to see if the Connection Works | N/a | “connected Successfully” will appear on screen when function is called | “connected Successfully” appears on screen when function is called | N/A |
| Test to see if I can get to the Sudoer Creation Page | N/A | Load to sudo user page as no sudo user exists yet | Redirected to dashboard every time I try to get to the super user page | Investigate “sudo\_check” function for what is causing the constant redirect (See Appendix Fig 1) |
| RE-Test to see if I can get to the sudoer page | N/A | Load to sudo user page as no sudo user exists yet | Load to sudo user page as no sudo user exists yet | N/A |
| Test the valid email function on upper user creation (incorrect) | Email: [bob@RTEK.co.uk](mailto:bob@RTEK.co.uk)  Password: B0b99!!! | Bounce back to the creation screen again because the email is incorrect. relevant error message to show too | Page reloads into a 404 error not found instead of giving the error message out and reloading the page | Find cause of 404 error that stops page from resetting like it should be |
| Test the valid email function on upper user creation (incorrect) | Email: [bob@RTEK.co.uk](mailto:bob@RTEK.co.uk)  Password: B0b99!!! | Bounce back to the creation screen again because the email is incorrect. relevant error message to show too | Bounce back to the creation screen again because the email is incorrect. relevant error message to show too | Didn’t work due to functions being called non-hierarchically leading to issues around them not working correctly, refactored ordering and retried (see fig 2) |
| Test the actual creation of a super user | Email: [steve@rtech.co.uk](mailto:steve@rtech.co.uk)  Password: Steve123@# | Create user into database and then relocate the end user to the admin login screen | Create user into database and then relocate the end user to the admin login screen | Need to quickly check why adm type is “null” and reconcile it appropriately |
| Now that a super user is created ensure another one cannot be made | Email: [sbeve@rtech.co.uk](mailto:sbeve@rtech.co.uk)  Password: Sbeve123@# | Kicks user to admin login and tells them there is already a super user | Allows user to create a new super admin on the “one time” screen. | Related to the issue regarding the type null. To be addressed ASAP (refer back to fig 3) now fixed by refactoring the code and database to utilise a separate method |
| Now that a super user is created ensure another one cannot be made | Email: [sbeve@rtech.co.uk](mailto:sbeve@rtech.co.uk)  Password: Sbeve123@# | Kicks user to admin login and tells them there is already a super user | Doesn’t Allow user to even see the page and instead redirects them to an incorrect page | Change page relocation to the appropriate page and retry |
| Register a new admin as a sub admin | Email: [sbeve@rtech.co.uk](mailto:sbeve@rtech.co.uk)  Password: Sbeve123@# | Registers the new user and then redirects to admin dashboard | Registers the new user and then redirects to admin dashboard | Problem was regarding post variable names being incorrectly named across 2 blocks of code creating a block in the ability to actually register new users. Corrected and worked amazingly |
| Register as a user | Email : [seiko5@gmail.com](mailto:seiko5@gmail.com)  Password:  Seiko123@# | Register new user and repoint to login screen | Calls constant password error regardless of what is entered | Issue was surrounding how I had built my database insert for a new user, I had mis ordered my fields and was inserting the hashed password into the username field |
| Register as a user | Email : [seiko5@gmail.com](mailto:seiko5@gmail.com)  Password:  Seiko123@# | Register new user and repoint to login screen | Register new user and repoint to login screen | Issue fixed by refactoring my database insert to send the correct data to the correct fields. |
| Login as a user | Email : [seiko5@gmail.com](mailto:seiko5@gmail.com)  Password:  Seiko123@# | Login successfully and repoint to the dashboard | Login successfully and repoint to the dashboard | N/A |
| Login as a staff member | Email: [steve@rtech.co.uk](mailto:steve@rtech.co.uk)  Password: Steve123@# | Tell the staff member that they are using a company domain email and need to go to the staff login (and redirect) | Doesn’t find the admin as its searching a different table | Not a planned function but a step in the right direction, to do the same for register and ensure staff cannot register as users under company emails |
| Register on the user system with a staff/admin email | Email: [steve@rtech.co.uk](mailto:steve@rtech.co.uk)  Password: Steve123@# | Tell the staff member that they are using a company domain email and need to use a personal address to sign up | Allows staff member to sign up on the user registration. | Doesn’t cause any functional issues as different tables are queried for an admin action. to add the valid email check on registration to disallow staff reg (FIG4) |
| If logged in as an “admin” but not a “super”, am I blocked from adding new admins | Email: [sbeve@rtech.co.uk](mailto:sbeve@rtech.co.uk)  Password: Sbeve123@#  Adm\_type:  “admin” | The option should not be there on the nav bar as they do not have “super” BUT  Redirect the admin away from the page as they do not have the appropriate permission. | The option not there on the nav bar as they do not have “super” | Works as intended thanks to the nav bar conditions. (fig 5) |
| VERSION 1 END , VERSION 2 START | VERSION 1 END , VERSION 2 START | VERSION 1 END , VERSION 2 START | VERSION 1 END , VERSION 2 START | VERSION 1 END , VERSION 2 START |
| Test Staff Adding Page , can admin “super” add a staff member | Email: [SuperStaffTest@rtech.co.uk](mailto:SuperStaffTest@rtech.co.uk)  Password:  Test123@# | Register a staff member in the staff table because super user has privilege to do everything | Redirects successfully with no error message but staff member does not appear in database | Posting an incorrect variable name causing empty field in insert statement and nullifying successfullness (fig6) |
| Test Staff Adding Page , can admin “super” add a staff member | Email: [SuperStaffTest@rtech.co.uk](mailto:SuperStaffTest@rtech.co.uk)  Password:  Test123@# | Register a staff member in the staff table because super user has privilege to do everything | Registered Staff member in table | Had 2 variables being posted incorrectly leading to a massive mess up |
| Test if an “admin” can add a new staff member . should be able to add | Email: [AdminStaffTest@rtech.co.uk](mailto:AdminStaffTest@rtech.co.uk)  Password:  Test123@# | Register as the admin has high enough “privacc” to do it | Worked effectively as expected | Admin type always had privilege to access the page but the nav bar was not configured to show it, refactored nav bar accordingly |
| Test adding new staff members where the email address does not align with the valid\_email function | Email: [EmailTest@gmail.com](mailto:EmailTest@gmail.com)  Password: Test123@# | Bounce User as not correct credentials | Allows user to be registered | Redefine how valid\_email works and implement it properly into the reg\_staff function (fig7) |
| Test adding new staff members where the email address does not align with the valid\_email function | Email:  [EmailTest2@yahoo.in](mailto:EmailTest2@yahoo.in)  Password:  Test123@# | Bounce credentials now valid email has been implemented to the parameter | Allows user to be registered but doesn’t pass email | Valid email function not properly implemented and causing it to not be passed to the database but the user still be allowed in (fig 8) |
| Test adding new staff members where the email address does not align with the valid\_email function | Email:  [EmailTest3@blueyonder.tv](mailto:EmailTest3@blueyonder.tv)  Password:  Test123@# | Properly bounce incorrect credentials now | Registers email even when it doesn’t meet the email criteria | Going to take the snippet to AI to assist in finding a fix (Fig 9) |
| Test adding new staff invalid Email | Email:  [EmailTest3@blueyonder.tv](mailto:EmailTest3@blueyonder.tv)  Password:  Test123@# | Bounce the staff addition to the database | Bounces Staff addition to database | Realised how much easier it would be for me to just create an if statement than faff with single line (FIG10) |
| Test email that meets constraints | Email:  [StaffTest@rtech.co.uk](mailto:StaffTest@rtech.co.uk)  Password:  Test123@# | Add the staff member as their email meets the constraints | Added the staff member as their email meets the constraints | Works Correctly now (fig 11) |
| Test Appointment Booking | Date: 01/04/25 Time: 11:00  Type: Consultation  Staff Member: Consultation Test  Product: Solar Panels | Commit the booking to the database and repoint the user to the dashboard | Throw error about booking type table (FIG12) | Investigate issue and possibly remove booking\_types references in codebase due to database refactor possibly not matching the codebase now. |
| Test Appointment Booking | Date: 01/04/25 Time: 11:00  Type: Consultation  Staff Member: Consultation Test  Product: Solar Panels | Commit the booking to the database and repoint the user to the dashboard | Throws error about user\_id being null, possibly because of misnaming of variables (FIG13) | Investigate issue and ensure consistent naming convention and casing. |
| Test Appointment Booking | Date: 01/04/25 Time: 11:00  Type: Consultation  Staff Member: Consultation Test  Product: Solar Panels | Commit to database after fixing all errors and post user back to dashboard.php | Throws error around types in database being different to variable types (FIG14) | Change type of variable in the table to be varchar(255) and remove Foreign Key constraint / relationship to booking\_types table as well as delete the booking\_types as earlier discussed |
| Test Appointment Booking | Date: 01/04/25 Time: 11:00  Type: Consultation  Staff Member: Consultation Test  Product: Solar Panels | Commit to database after fixing all errors and post user back to dashboard.php | Commit to database after fixing all errors and post user back to dashboard.php | Having Fixed all errors the codebase now correctly inserts a record into the database |
| Test Appointment booking with wrong staff – appt type | Date: 01/04/25 Time: 11:00  Type: Installation  Staff Member: Consultation Test  Product: Solar Panels | Not allow the booking to be made as the specialism doesn’t match the type of booking | Not allow the booking to be made as the specialism doesn’t match the type of booking | (FIG15) I can logically expect all the possible combinations to act accordingly to my sample tests as the brunt of the work is done in a function. |
| Testing Nav Bar | Pressing buttons – every button on every page | Each button repoints to its appropriate referenced location with no errors | Each button repoints to its appropriate referenced location with no errors | N/A |

**Add more rows and tables as required.**

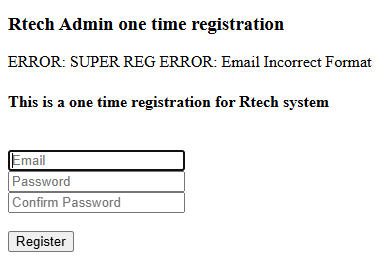
# Appendix

## Fig 1

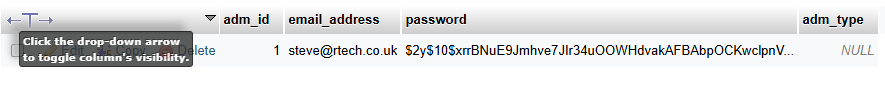
## Fig 2



## Fig 3



## Fig 4



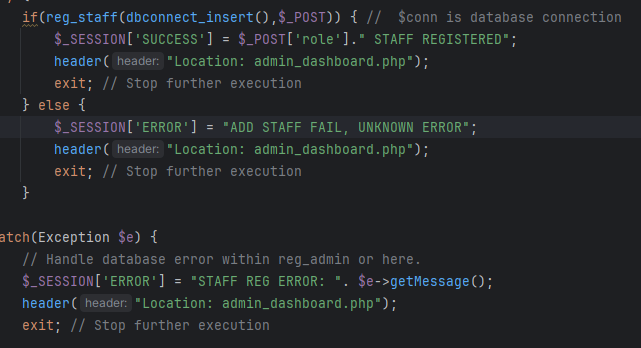
## Fig 5



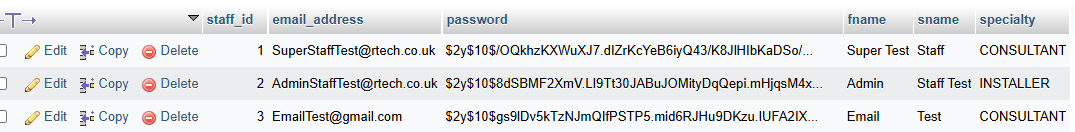
## Fig 6



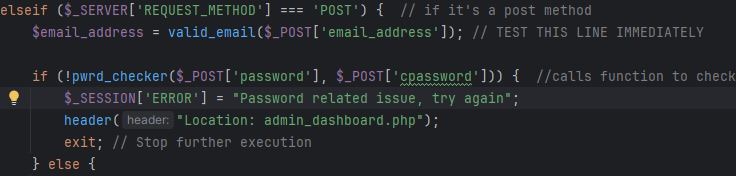
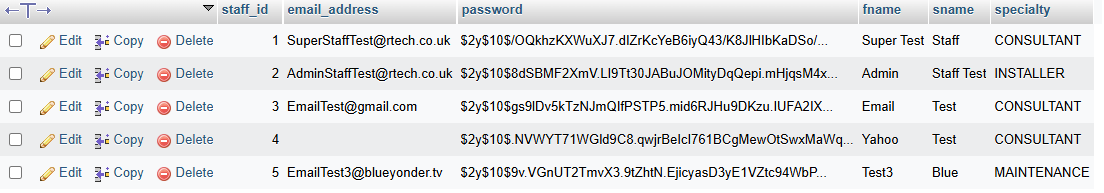
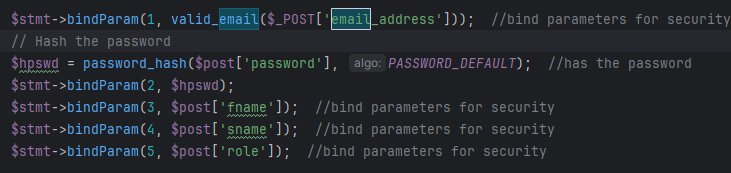
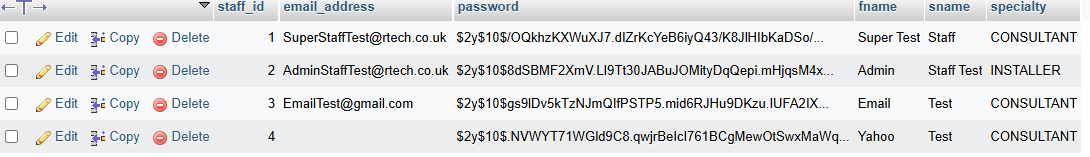
## Fig 7



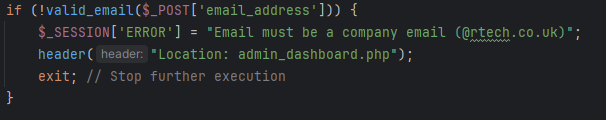
## Fig 8



## Fig 9



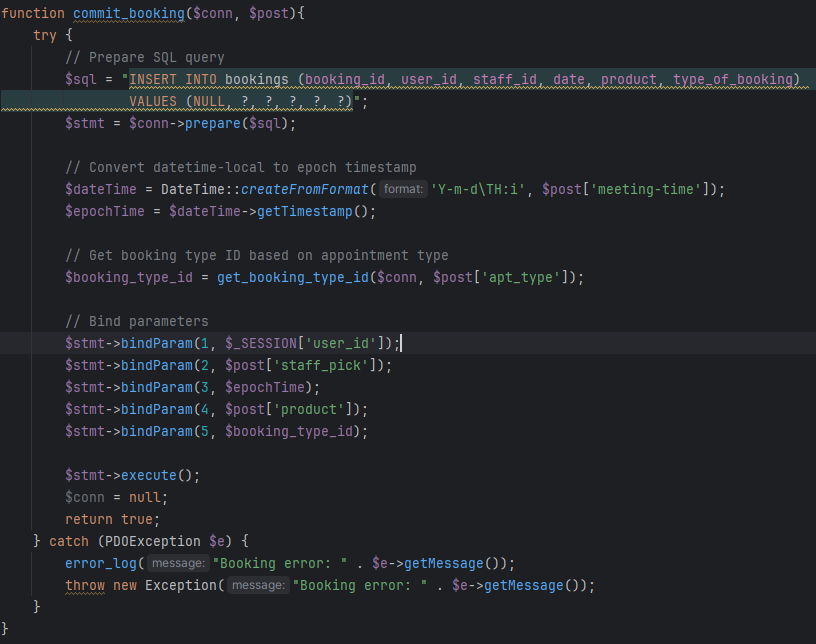
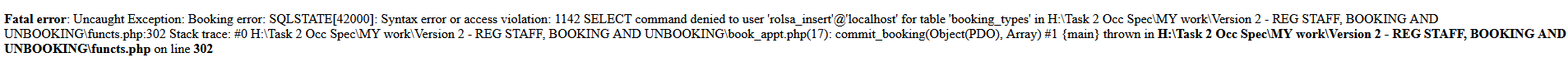
## Fig 10



## Fig 11



## Fig 12



## Fig 13



## Fig 14



## Fig 15

