**Testing our System**

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| Test ID | Feature ID and Brief Description | Expected Output | Actual Output |
| T1.1 | S1: This feature is to log into your study planner | The user will have logged on successfully | After entering in the correct details and pressing the “Login” button it successfully logged me into the study planner. You can see the footer which is visible on all the pages |
| T1.2 | S2: This feature is to log out of your study planner, testing whether it saved properly | The user will have logged out successfully, upon completing test 4 again the information should have been saved. | Some of the activities that I created for the purpose of testing if they will be saved after logging out    Logging out causes you to go back to the logging page    The activities are still there after logging in which means this feature works correctly |
| T1.3 | S3: This feature is simply creating an account to check whether it works or not | The user will have successfully created an account that they can now access | The register button can be found just outside the blue box as shown above    It redirects you to the register page which requires you to fill out all 4 boxes correctly for the account to be created    After clicking on “Register” with the right information the account is registered. You can see the confirmation in the top left corner on a green background    Now using the details to login.    With the account I just made I successfully logged into the study planner making this feature a success |
| T1.4 | S4: Purposely getting password wrong in order to set a new one | The activity what you had just done should still be saved whether it be creating, deleting or editing an activity | As shown above there is a single activity that was created for the purpose of testing    By clicking the Logout button, it successfully logs you out of the account back to the login page    Now entering wrong password to see if it has any effect on the activities    We get the popup telling us the password is not correct and it doesn’t log us in    After logging back in we can see that the activities are still there |
| T1.5 | S5: Create account with incorrect features such as numbers for your name | The user will not be able to create an account as numbers will be viewed as non-acceptable to a real name | The account was created even though it was not supposed to. This would have to be changed as numbers should not be allowed to be entered as someone’s name. |
| T1.6 | S6: Attempt to create an account with a very weak password | Either a display box or an invalid message will appear that informs users of the requirements of a password and therefore they cannot make an account (e.g., must contain one capital, be at least 6 digits long etc.) | This works as intended and it doesn’t allow the user to create the account as the password needs to be at least 10 characters long for it to go through. |
| T1.7 | S7: Create an account with a non-existent email. | The user will not be able to create an account as the email will not be recognized. | You must enter an email in order to create an account which means this feature is working. The popup says “Ensure all fields are filled in” because the email box is empty. |

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| Test ID | Feature ID and Brief Description | Expected Output | Actual Output |
| T2.1 | S1: This feature is about adding a new event (most will work the same) to your planner | The activity will be added onto your schedule planner, and you can edit it from there. | Creating a task called Test by entering its name, deadline and description    The new task can be seen underneath the “Back” button.    Now we can go back and make new events/activities associated with the task called Test    We can see that the new activity I just created is shown under activities and expired activities as the date was the 30th of March 2022.    Searching by title using the name of the activity made it so that it only displays the task we searched for and doesn’t show the other task that was visible on the previous screenshot. This means that the feature works as intended |
| T2.2 | S2: This feature is about removing an event | The activity will be deleted | Here we can see all the activities that I created earlier.    By clicking on one of the activities under “Activities” header it directs you to that specific activity details which allows you to edit, view the task it is associated with, back to the previous page or delete the activity which is what needs to be tested.    After clicking on delete it takes the user back to the activity page and the task, we tried to delete is gone meaning the feature works as intended and the user can successfully delete any activity |
| T2.3 | S3: Create activities across many dates at once | The user will have correctly created an activity that spans across many portions in many days/weeks | I have created 4 different activities with different dates which automatically get put into a different section: Upcoming Activities if the deadline is in the upcoming days and Expired Activities if the deadline has already expired which means this feature is working as intended |
| T2.4 | S4: Delete multiple activities at once | All selected activities will have been deleted | We haven’t implemented a feature to delete multiple activities or tasks at once, but you can delete them individually as shown in the other test cases |
| T2.5 | S5: When registering all fields must be filled after you press register | Unless you have filled out all the fields with the right information (strong pass etc.) the account itself won’t be created | When the fields are empty when you try to register, there is 2 popups letting you know you need to fill in all fields and for the password to be at least 10 characters long.    When you enter passwords that are not matching the password popup changes asking for the passwords to be matching    When passwords are matching it only says that all fields need to be filled in    When only email or name isn’t filled in it shows the same thing which doesn’t pinpoint exactly what is missing but as the register is very simple it is easy to know which fields need to be filled in. This means this feature works as intended |
| T2.6 | S6: You can’t create 2 users with the same email address | If you already made an account with an email and then try to register another account with the same email it should fail and not let the user create the account | When trying to make an account with the same email that’s already been used, a popup shows up telling the user that the email is already registered and not going through. This means there can only be one user with the same email. This feature is a success |
| T2.7 | S7: The create password & confirm should be matching | If the passwords aren’t matching, then a popup should show telling the user that the passwords need to be matching | After entering a strong password that was viable and then not matching it in the confirm box, we can see a different popup showing up telling the user that the passwords need to be matching |
| T2.8 | S8: Passwords must be 10 characters long | After not entering any information into the passwords box it should say that the password needs to be minimum 10 characters long | As you can see it is doing the exact same thing it was supposed to meaning this feature works as intended    When you fill in the other fields it gets rid of the “Ensure all fields are filled in” popup and just leaves the password one, this means it is a success |
| T2.9 | S9: There should be an alert after logging out | After logging back there should be a popup telling you, you have logged out of the study planner | This works perfectly meaning this feature was done correctly |
| T2.10 | S10: Logging out from the study planner | After clicking the “Logout” button, it should successfully log you out and take you back to the starting screen which is the login page | After clicking the logout button, it should take you back to the logging page    This feature is a success as It works as intended |
| T2.11 | S11: Uploading a file to the site | After clicking on which file you want to upload and then submitting it, it should say it successfully uploaded the file and stored it in one of the folders with a unique identifier | This is the homepage the user gets after logging in. The first option lets the user upload a file    Clicking on the “Choose file” button should open a window that lets you choose a file that you want to upload    This is the window, now I will try uploading the “aaaa.txt” file    The file now shows up next to the button    This is what happens after submitting a file. It gives an ok status meaning the file upload was successful and you can now find it in one of the folders where the code for the planner is stored    Inside the “uploads” folder we can see another folder called “studentFiles”    Inside of that folder we can see our uploaded txt file with its name changed to a unique identifier    This means the feature uploads the file and stores it in a folder under a unique identifier but then does not do anything with it therefore it is not working properly |
| T2.12 | S12: Attempting to access the Study Planner without logging in | Changing the website address to access the study planner should not allow the user to bypass the login section as all users need to login before accessing the planner | Adding “/dashboard” could be used to access the planner without logging in but this has been changed and should now display a new flash error message when user attempts to sign in without an account    Now when the user tries to bypass the login section it takes the user back to the login and displays a new flash error saying, “Please log in to access the study planner.”. This means that the feature works perfectly and there is no way to bypass the login before accessing the study planner |
| T2.13 | S13: Editing one of the activities | The user should be able to edit an already existing activity and change the name, deadline or the description without any issues | This is the list of the activities that I created earlier    By clicking on the first activity under the “Activities” header I was redirected to this page that shows all the details about that activity    I attempt to change the deadline date from 30/03/2022 to 30/03/2023 which should change it from Expired Activities to Upcoming Activities and it should be updated when clicked on again.    Upon clicking “Update” it takes us back to the previous screen with the Due Date changed to 30/03/2023 as intended meaning this part of the feature works perfectly    Upon clicking “Back” the user is back at the activities page and the Testing2 activity which was under the Expired Activities section before the update is now under the Upcoming Activities header as I have changed the date meaning this feature works perfectly and is a success |
| T2.14 | S14: Editing the task | The user should be able to edit any task and change the name, task date and the description without any issues | On the homepage we can see that there is one Expired Task under the header as the date is the 25th of March 2022    By clicking on “Started Tasks” from the list, the user can see all previously created tasks    Upon clicking “Edit” on the Testing1 task the user can change its name, task date and the description. In this test I will try to change the date so that it will no longer be an expired task.    Upon clicking on “Update” and going back to the homepage, the task that was previously expired is now under the “Upcoming Tasks” header as the date was changed to 2023. This means this feature works as intended. |
| T2.15 | S15: The user should be able to go back to the homepage from any page by clicking on the “UEA Study Planner” header at the top of the page | The user should be able to click on the “UEA Study Planner” header at the top of every single page and be redirected back to the homepage | This is the “Edit Task” section of the page, now by clicking on the header above it, the user should be redirected back to the homepage.    This feature works as intended on all the pages meaning it was a success. |
| T2.16 | S16: The user should be able to add a new task or edit the date and it should be added to the homepage under one of the headers | The user should be able to add a new task or edit an existing one with the right details so that it shows up on the homepage menu as all tasks should be displayed there | This is the homepage with only one upcoming task now.    Upon clicking on “Started Tasks” I can see that there’s 2 tasks yet only Testing1 is showing up on the homepage    By clicking on “Edit” on the Test task I can see that the details weren’t filled out properly and it’s missing a date and a description which is why it is not showing up on the homepage.    Once the task has been updated with a new date and description, it has been added to the homepage under the Expired Tasks header as the date was set to the 25th of March 2022 which means this feature works as intended and is a success |
| T2.17 | S17: The user should be able to see which activities are related to what task | The user should be able to view the task and see which activities have been created with it as its “parent” | From the dashboard by clicking on “Started Tasks” we should get the following screen    Now by clicking on “View” on any of the tasks we should see another screen that lets us edit the task, go back to another pages and shows the activities that are related with the task we are viewing    This means that the feature is working as intended and is a success as we can see that there is 2 activities related to the task named Testing1. |
| T2.18 | S18: User should be able to search a task by its name | The user should be able to search a specific task by its name and it should only display that task | There is 2 created tasks named “Test” and “Testing1”. I will try looking up one of the tasks and seeing what happens when I click the Search button    You can see “Testing1” in the box    Upon clicking on the “Search” button, it searched for the task named “Testing1” and it does not display the other task anymore.    Once you come back to this page, both tasks are visible again meaning that the feature works as intended and searches for the tasks correctly. This feature is a success |
| T2.19 | S19: The user should be able to see the Gantt chart and see the different tasks and activities displayed on it | The user should be able to click on one of the links in the homepage and be redirected to the Gantt chart page which shows the activities and tasks with the deadlines on it | This is the homepage once again and the link I am going to test now is “Check your gantt activities”    The link takes the user to a new page which has some sort of table which looks like the starting point of a Gantt chart, but it is not finished and doesn’t display any of the activities or the tasks on it therefore the feature isn’t working as intended as it is not finished |
| T2.20 | S20: The user should be able to see the calendar | The user should be able to click one of the links in the homepage and be redirected to the calendar page that shows all the activities and tasks on the calendar with the right dates | This is the homepage and the link I am going to be testing now is “Check your calendar”    Upon clicking on the link, the user is redirected to this page which looks like it has some of the calendar features but looks nothing like it now and is all messed up. This page needs updating as it is not working properly. |