My Important Things Test Cases

Functional Requirements

Test Case Number: 1	Requirement Number: 1
Test Description	User should be able to upload new documents and images to the Document Wallet and Memories, respectively.
Prerequisites:	User has an account and is logged into the system.
Test Procedure:	1. Navigate to either the Document Wallet or Memories Page 2. Click on "Upload new documents/images" button 3. Fill digital form 4. Redirect back to previous page and view uploaded files.
Expected Result:	The user will be able to see all newly attached files whether that be pdf or images within their respective pages. Other file formats are not accepted and are blocked from upload (including uploading images to document wallet and documents to Memories).
Actual Result:	As expected the user is able to upload documents or images individually or in groups.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 2	Requirement Number: 2
Test Description	User is able to enter a new journal entry within the Journal app.
Prerequisites:	User has an account and is logged into the system.
Test Procedure:	1. Navigate to the Journal page 2. Click on "Add Journal Entry" 3. Complete and Submit digital form 4. Redirect to previous page where newly added entry is accessible.
Expected Result:	The user is able to upload a new entry using the Journal form provided and then access the new entry from the Journal page.
Actual Result:	As expected the user is able to upload a new journal entry at any time.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 3	Requirement Number: 3
Test Description	Organisation of stored contents is capable via groups or filtering. All apps support filtering by date, with Memories, Document Wallet and Journal supporting the use of categories.
Prerequisites:	User is logged into their account and already has some content stored as well as categories created.
Test Procedure:	1. Navigate to the any app 2. When adding new content create a new category to group by. 3. Once uploaded you can select the category to view from the sidebar. 4. Further filtering is capable by ascending or descending date, also available in the sidebar.
Expected Result:	All upload forms for Memories, Document Wallet and Journal offer category options for the new content. Filter and category groups work to filter and organise content on their relevant apps.

Actual Result:	All apps support the desired sorting functionality, whether that be categories or filtering by age specified in the use cases.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 4	Requirement Number: 4
Test Description	User must have a private space with secure content storage.
Prerequisites:	User has an account.
Test Procedure:	1. Login to account 2. Password and Username authentication used 3. All stored content within the logged in account is displayed and not visible to other users.
Expected Result:	All user accounts are separate and offer secure private space for documents and other contents. Account credentials are also hashed and validated on every login
Actual Result:	Account credentials are hashed and private, however contents of accounts were initially viewable to other accounts due to a security problem involving the use of private keys within the URL.
Comments:	URL splicing has since been patched to resolve the problem changing test status from Fail to Pass.
Pass/Fail:	Pass

Test Case Number: 5	Requirement Number: 5
Test Description	All account content can be deleted by the authorised user.
Prerequisites:	User has an account and is logged into the system. They also have content stored that they wish deleted.
Test Procedure:	1. Navigate to the app containing the contents to be deleted. 2. Click to view the item in question (apart from Calendar where content is displayed on the first screen). 3. Click on the bin icon to remove item from storage. 4. Redirect back to the previous screen.
Expected Result:	The user is able to delete all content as they wish.
Actual Result:	As expected the user is able to delete content.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 6	Requirement Number: 6 and 9
Test Description	All files within the Document Wallet can be downloaded or printed.
Prerequisites:	User has an account and is logged into the system. They also have documents stored within the Document Wallet.
Test Procedure:	1. Navigate to Document Wallet. 2. Click on the document to view in individual screen. 3. Click the download button to download to local device. 4. Click the printer icon within the PDF render. 5. Follow your personal printer options to print document.
Expected Result:	The documents are all accessible to printers and can be downloaded to the users current device.
Actual Result:	The documents can in fact be downloaded and printed as expected.

Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 7	Requirement Number: 7
Test Description	Users can share content from their account via a sharable link or button.
Prerequisites:	User has an account and is logged into the system. Content is uploaded and available to share.
Test Procedure:	1. Navigate to content you wish to share 2. No sharing links available.
Expected Result:	User cannot share content without first downloading it at sharing via another means.
Actual Result:	User is unable to share content within the app.
Comments:	This feature was skipped due to lack of time at the end of the project.
Pass/Fail:	Fail

Test Case Number: 8	Requirement Number: 8
Test Description	Account credentials can be reset.
Prerequisites:	User has a pre-existing account.
Test Procedure:	No option for the users to change username or password
Expected Result:	User cannot change account details.
Actual Result:	User is unable to change username or password for their account.
Comments:	Account altering privileges are only given to administrator accounts, so functionality is possible for accounts with admin permission.
Pass/Fail:	Fail – Pass for admin access.

Test Case Number: 9	Requirement Number: 10
Test Description	Users can delete their accounts from the system.
Prerequisites:	User has a pre-existing account.
Test Procedure:	There is no method to allow users to currently delete their accounts from the system.
Expected Result:	User cannot remove their account from the system.
Actual Result:	User is unable to delete their account.
Comments:	Account altering privileges are only given to administrator accounts.
Pass/Fail:	Fail

Test Case Number: 10	Requirement Number: 11
Test Description	Users can edit their profile accounts.
Prerequisites:	User has a pre-existing account.
Test Procedure:	Feature was not included in final version of prototype and placed in future work list.
Expected Result:	User profile pages doesn't exist.
Actual Result:	Users can't change profiles as they aren't available.
Comments:	N/A
Pass/Fail:	Fail

Test Case Number: 11	Requirement Number: 12
Test Description	Users calendar events are alerted to their email.
Prerequisites:	User has a pre-existing account and events upcoming within their calendar.
Test Procedure:	1. Add calendar event that begins more than 24 hours in the future 2. Wait for event to reach 24 hours from now 3. Alert should be received to user email.
Expected Result:	No alerts received due to lack of this functionality.
Actual Result:	Calendar events are not alerted to the user when within 24 time period.
Comments:	This feature will ideally be added in future work but require emails of users which was skipped due to security reasons within this prototype version.
Pass/Fail:	Fail

Non-Functional Requirements

Test Case Number: 1	Requirement Number: 1
Test Description	All platform features are accessible via mobile and desktop devices.
Prerequisites:	User has a pre-existing account.
Test Procedure:	1. Logging in is possible on both a mobile phone and computer (as well as other devices). 2. Access all apps and navigate the entire platform without issue 3. Within each app, add, delete and sort content. 4. All links work for external pages.
Expected Result:	All features should be functional across all possible web-accessible devices.
Actual Result:	All functionality was capable across all devices tested (Lenovo Laptop, Tower Computer, Honor 10 Lite, Iphone 11).
Comments:	Testing also provided information that the platform was functional and supported across all commonly used browsers (Chrome, Edge, Firefox and Safar)
Pass/Fail:	Pass

Test Case Number: 2	Requirement Number: 2
Test Description	Platform is designed in a web-accessible format.
Prerequisites:	User has a pre-existing account.
Test Procedure:	1. Login Screen is correct size and usable for the device in use. 2. All buttons and content scale with screen size, also stacking where necessary on mobile devices. 3. Colour scheme used provides enough contrast to support users with learning difficulties
Expected Result:	All pages are web-accessible and usable to majority of user base.
Actual Result:	All test users have been able to access all in platform functionality and have not struggled with any areas.

Comments:	Colour scheme on white background pages however could be improved to allow for dark theme for improved visibility.
Pass/Fail:	Pass

Test Case Number: 3	Requirement Number: 3
Test Description	Navigation throughout the application is clear and simple.
Prerequisites:	User has a pre-existing account.
Test Procedure:	1. Login is clear 2. Navigation bar is consistent and functional across all pages and devices. 3. Flexibility is provided via back buttons where necessary. 4. Enter all apps and features and return to the previous screen. 5. All functionality is capable within just a few actions. Add new image, fill in form, upload.
Expected Result:	Navigation bar is consistent and use finds the whole platform easy to navigate.
Actual Result:	Users found the application simple to navigate and options within the nav bar are consistent across the platform.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 4	Requirement Number: 4
Test Description	Platform provides access to other useful resources.
Prerequisites:	User has a pre-existing account and is logged in.
Test Procedure:	1. Navigate to the Useful Links Page from Homepage 2. Attempt to click any resources listed within Useful Links 3. Redirected to the website chosen.
Expected Result:	All links provided in the application are functional.
Actual Result:	All links are functional and working to the designated resources.
Comments:	N/A
Pass/Fail:	Pass

Test Case Number: 5	Requirement Number: 5
Test Description	Platform theme is changeable and can be chosen by the user.
Prerequisites:	User has a pre-existing account.
Test Procedure:	No customisation is supported within the current version of the platform.
Expected Result:	Platform is a fixed design and cannot be changed.
Actual Result:	Platform remains a single design with no ability to change appearance.
Comments:	This feature can hopefully be added using Sass to develop dynamic css files.
Pass/Fail:	Fail

Test Case Number: 6	Requirement Number: 6
Test Description	All project code is functional and maintainable, meeting industry standards.
Prerequisites:	Code is visible and accessible from provided zip file or git repository.
Test Procedure:	1. View each page of code and assess format 2. Check functionality of each function and template element 3. Check naming conventions to ensure readability and maintainability.
Expected Result:	Code has been developed in a functional and usable method.
Actual Result:	Use of Django framework and other principles makes code functional and understandable to other developers. Caitlyn Powell was able to understand all functions and templates within the project.
Comments:	N/A
Pass/Fail:	Pass