What we are testing	Set up	Steps
Register successfully	If already registered: 1) Open a terminal in the folder "SysEng-Team-33/consultation_plus". 2) Type into the terminal "python manage.py shell". 3) Type "from app.models import User". 4) Type "User.objects.filter(email=<INSERTYOUREMAIL>).delete()" 5) If successful you will see a query set object. Before running the application make sure to have the database running. To do so: 1) Open a terminal in the folder "SysEng-Team-33/consultation_plus". 2) Type into the terminal "python manage.py runserver".	1) Make sure to have database running check set up. 2) Run the application and after logging in you should see a small pop up asking you to enter your location. 3) After entering your location the search and privacy form should pop up. If you get any other pop ups then our test has failed.
Login successfully	User must already be registered. If you are first time user simply just run the application and register. Before running the application make sure to have the database running. To do so: 1) Open a terminal in the folder "SysEng-Team-33/consultation_plus". 2) Type into the terminal "python manage.py runserver".	1) Make sure the database is running, check set up. 2) Run the application and login in. 3) If the search form pops up. If any other pop ups show up then our test has failed.
Search successfully	No set up required. You can do this with or without the database running, the only difference is that without the database you won't have any recommendations or save queries/urls clicked.	1) Login successfully. 2) Type a valid query into the search box. Make sure that a category is selected by clicking on whitelist tab and seeing at least one tick. 3) If the only result is "Not enough links?" then the test has failed or the query returned no results.
Recommendation works	Before running the application make sure to have the database running. To do so: 1) Open a terminal in the folder "SysEng-Team-33/consultation_plus". 2) Type into the terminal "python manage.py runserver". Also make sure to have share recommendation data enabled in the privacy form.	1) Make sure database is running 2) Login 3) Check that privacy has recommendation data ticked. 4) Make sure that a category is selected in the whitelist. 5) Search a query and upvote/downvote a random article. Make sure to remember its score. 6) Click search again with the same query and the article score should be equal to the upvoted/downvoted score. If not then the test has failed.
Whitelist works and you can successfully create or delete categories.	No requirements. Works with or without database.	1) Login 2) Click the whitelist tab and then click "Create category". 3) Put any name and select only 1-2 websites from the list. 4) Click confirm and then from the list of categories select only the newly created one. 5) Click confirm and search a query and search it. You should only get links to the websites that you selected when creating the category. 6) Now open up the whitelist form again and select delete category and delete our newly created category. 7) After deleting you should not see it anymore in the available categories.
Developer mode works	For this you don't need database to be working. However, if you could create your own search engine to have your own search engine ID and api key it would be good. If you don't want to you can use the api key and search engine ID specified below: API Key = AIzaSyAYePdVOTQYjXecP2Ux0ZoW5GAn1pUfp1g Search engine ID = 16d8cda9f5043ed02 Note that this engine ID and key will give results from only NHS and whitelist feature will no longer work until we deactivate developer mode.	1) Login successfully. 2) Select the whitelist panel then select developer mode. 3) In developer mode enter an API key and engine ID. You can use the ones in set up. 4) Select confirm and search a query. 5) All the results should be from the NHS if you used the key and ID in set up or from the websites from your engine if you used yours. 6) Make sure to turn developer mode off if you want to perform any searches with whitelisting.
History works	For this you don't need database to be working.	1) Login 2) Make sure a category is selected and search a query. Don't click on it yet. 3) Now click on the history tab and you should see a pop up saying "No history". 4) Close that pop up and click on a url. 5) Click on the history tab again and you should see a history form containing the same url that you clicked with the correct time.

Privacy works	Before running the application make sure to have the database running. To do so:
	1) Open a terminal in the folder "SysEng-Team-33/consultation_plus".
	2) Type into the terminal "python manage.py runserver".
		1) Login and make sure a category is ticked.
		2) Open the privacy panel and select no data.
		3) Search a query and try to click upvote or downvote. If privacy is working it shouldn't change.
		4) Reopen privacy and select recommendation data.
		5) Again search a query and the upvote/downvote should be working now.
		6) Reopen privacy and select recommendation and search data.
		7) Search a query and click a url.
		8) Open a terminal in the folder "SysEng-Team-33/consultation_plus" and type "python manage.py shell".
		9) Type "from app.models import User, Query, ClickedUrl".
		10) After typing each of the following commands you should see a query set being printed on the terminal:
		  - "user = User.objects.filter(email=<YOUREMAIL>)[0]"
		  - "Query.objects.filter(user=user, search_term=<QUERY YOU SEARCHED>)"
		  - "ClickedUrl.objects.filter(user=user, url=<URL YOU CLICKED>)"
		If any of the commands above apart from the first one dont print a query set then privacy has failed.

You can save history, categories, privacy and developer settings to OneDrive.	Nothing required	1) Login. 2) Make sure a category is selected and search a term and click on a link. 3) In privacy select the no data option. 4) Create a category and make sure it is ticked.Then close the application by clicking the X option in the top right corner. 5) Now open your OneDrive and navigate to the folder called "app/consultation_plus". 6) There should be 4 files called "categories.txt", "history.csv", "privacy.txt", "cse_settings.txt". 7) Categories will contain the same categories that were in your application. Look for the one that you created and make sure ticked=true. 8) Privacy will contain "false,false". 9) history will open an Excel file with the url you clicked with correct time. 10) cse_settings contains the api key and engine ID used in developer mode.
You can load categories, privacy and developer settings from OneDrive	1) Login 2) Create a category. 3) Select the second privacy option. 4) In developer mode enter the following values: API Key = AIzaSyAYePdVOTQYjXecP2Ux0ZoW5GAn1pUfp1g Search engine ID = 16d8cda9f5043ed02 5) Close the application by clicking the X in the top right corner.	1) Login 2) Check which privacy option is selected. It should be the second one. 3) Open the developer panel, it should have the values already entered that are the same as in Set up. 4) Check that the categories contains the category that you created in set up.
The dashboard displays data based off region.	Before running the application make sure to have the database running. To do so: 1) Open a terminal in the folder "SysEng-Team-33/consultation_plus". 2) Type into the terminal "python manage.py runserver".	1) Head to the url that is shown in the terminal when you run the dashboard. Usually its http://127.0.0.1:8000/. 2) After the dashboard loads select various regions and make sure that the graphs and tables update without any problems each time.