

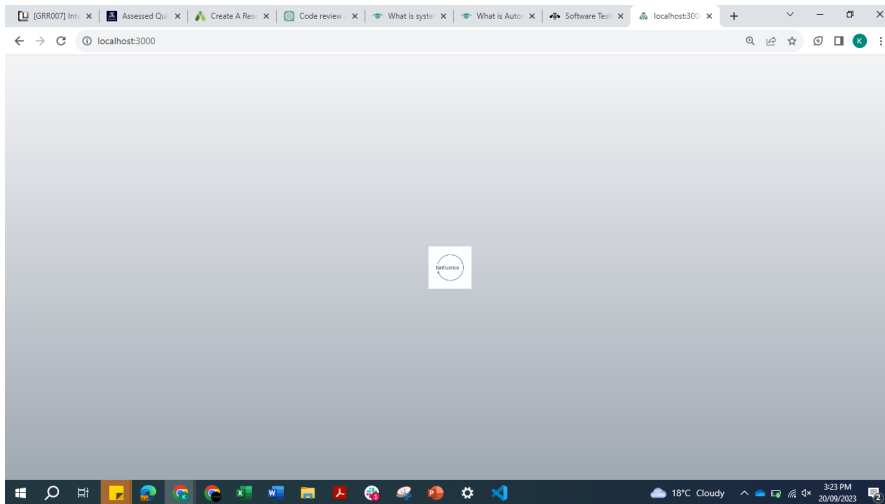
# Unit Testing - report

## UNIT TESTING FRAMEWORK

Unit testing will be conducted for the user stories that have been designated for the sprint 2 development phase. We are performing testing twice a week on Wednesday and Saturday.

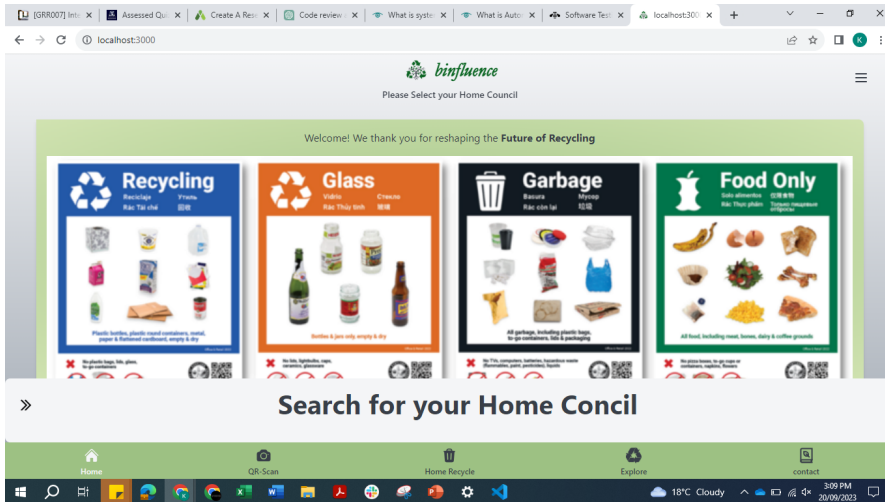
### [GRR002] Splash Screen/Loading Page

- Splash screen animation should appear before loading the landing page.
- The animation should be using new binfluence logo.



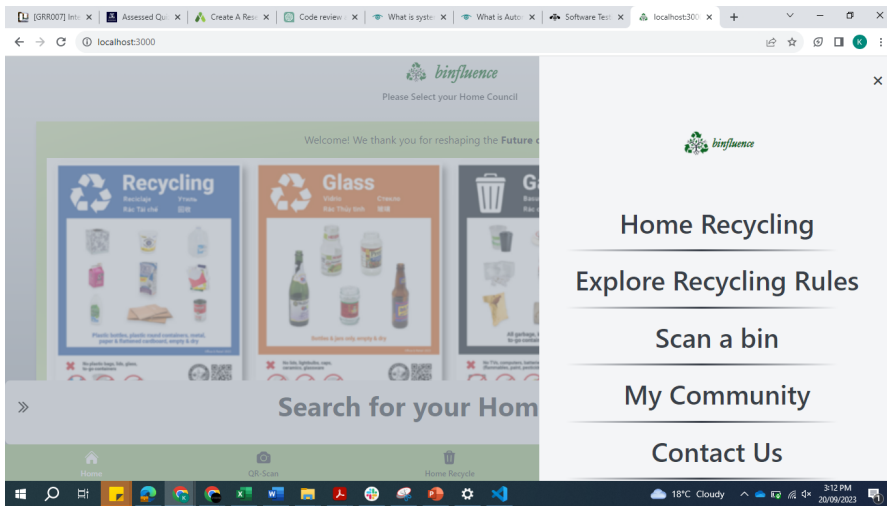
### [GRR003] Home Page/App Header

- Home page should be on the landing page of the UI
- Prevents navigation if no home council is selected
- Homepage should cater with the client brand logo and color.
- Home page should have UI components like slider and header.



### [GRR004] Menu Navigation

- Menu Navigation should be placed on the left top corner on all the pages of the we application
- Menu Navigation should have links for all the other pages requested by the client
- Prevent navigations on bins and recycling page without selection of home council

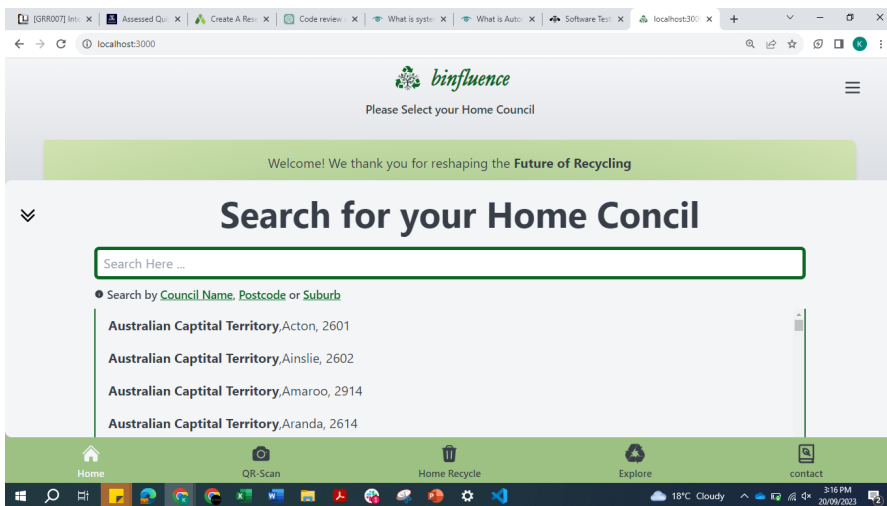


#### [GRR006] Contact Us/About Us Page

- Contact Us page displays exact information as provided by the client
- Contact Us page should redirect to correct link for GreenQueen website on click.
- Contact Us page should redirect to default mailing app on click mail icon.

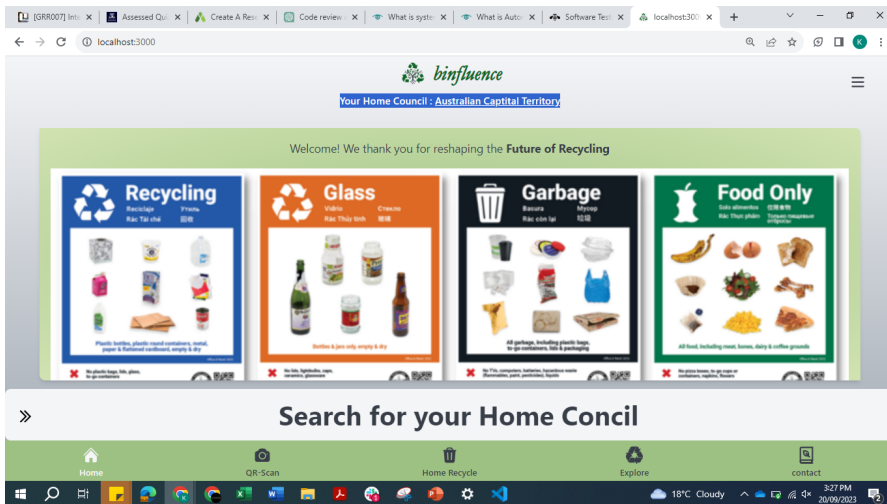
#### [GRR008] Search for Council

- The search bar should appear on clicking the slider
- The search bar should be able to be used by the user to search by typing the council name



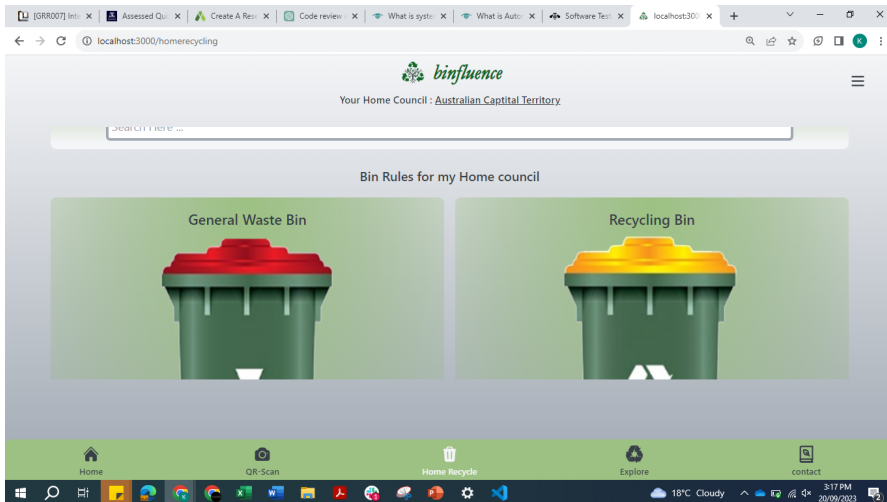
#### [GRR009] Remember Selected Council

- Selected home council should be remembered for regular users
- Selected council should be empty for first time users



#### [GRR010] My Council Bin Info

- My Bin should display all the bins available for the user selected council
- My Bin should display all the bins available for the user selected council
- My Bin should fetch information dynamically based on council context



#### [GRR011] QR Code Branding

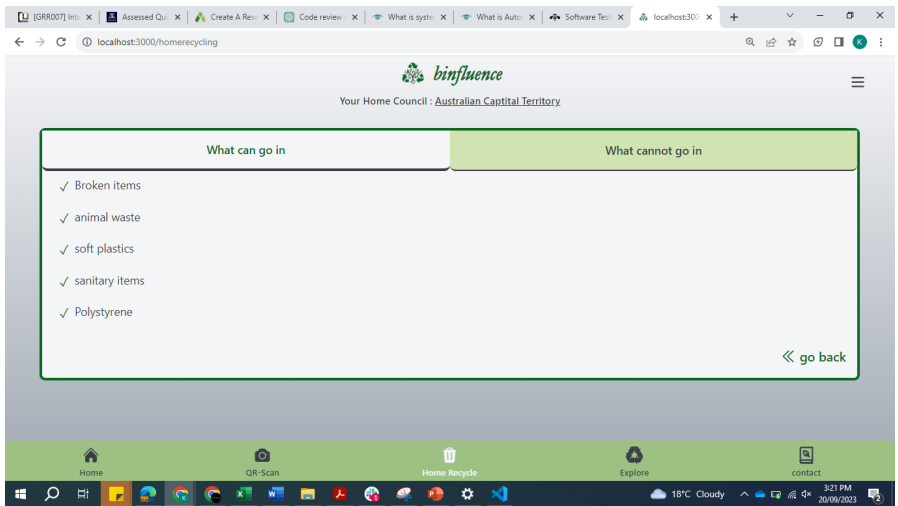
- The generated QR code should be using new binfluence logo.
- An example QR code is present on the the web page for QR code scanning

#### [GRR005] QR Code Scanning

- QR code scanning should enable navigation from qr-code scanning to specific council bin
- QR code scanning should be usable across devices
- QR code scanning allow users to save the scanned council as their home council

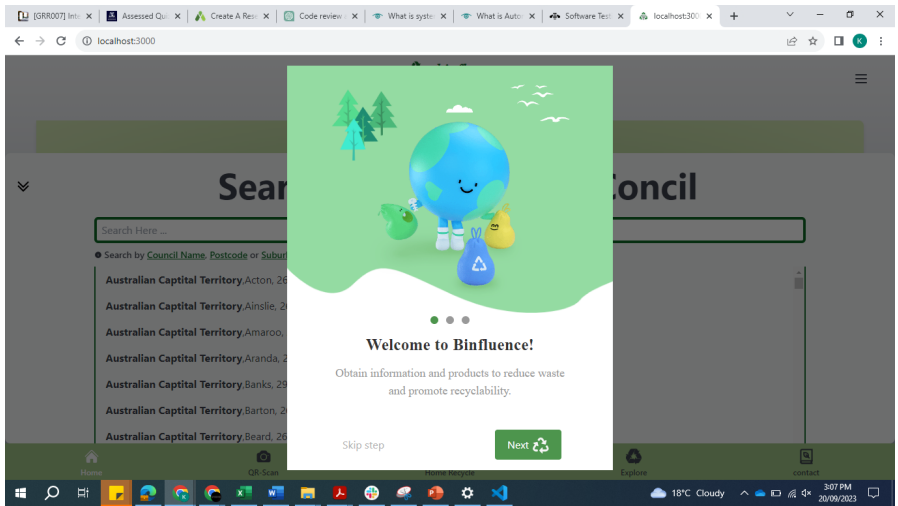
#### [GRR013] Can/Can't Go In List

- List should be on the bin's page
- All the components should be displayed for a selected bin
- All the components listed should be fetched dynamically.



**[GRR017] First time user/Welcome pages**

- Welcome Pages are shown to the first time users, not to the regular users
- Welcome pages are shown after the splash screen and before the home screen
- Welcome pages are adjusted to both Desktop and Mobile useragent.



**Unit Testing report**

Binfluence Manual Testing Report						
UserStory ID	TestCase Description	Expected Results	Observed Result	Status		
[GRR002] Splash Screen /Loading Page	Splash screen animation should appear before loading the landing page.	Splash animation appears on before the landing page with smooth transition	Splash animation appeared on before the landing page with smooth transition	Pass		

	The animation should be using new binfluence logo.	The animation should show up the binfluence logo	The animation shows binfluence logo	Pass		
				Pass		
<b>[GRR008] Search for Council</b>	The search bar should appear on clicking the slider	A list of councils sorted alphabetically on which user can selected one.	A list of councils sorted alphabetically on which user can selected one.	Pass		
<b>[GRR008] Search for Council</b>	The search bar should be able to be used by the user to search by typing the council name	User should be able to type a council name	Users are not able to use the search bar as the slider shrunk down on typing on the search bar	Failed	Bug was reported to developer and it's fixed	Pass
<b>[GRR009] Remember Selected Council</b>	Selected home council should be remembered for regular users	Once a home council is selected by a user that should appear on the landing page forever.	Once a home council is selected by a user it appears on the landing page forever.	Pass		
<b>[GRR009] Remember Selected Council</b>	Selected council should be empty for first time users	Home council name should be empty for first time user	Home council is empty for first time user before selecting a council	Pass		
<b>[GRR009] Remember Selected Council</b>				Pass		
<b>[GRR009] Remember Selected Council</b>	Welcome Pages are shown to the first time users, not to the regular users	Welcome page appears when a user opens the app for the time	Welcome page appeared for first time users.	Pass		
<b>[GRR009] Remember Selected Council</b>	Welcome pages are shown after the splash screen and before the home screen	Welcome page should appear after the splash screen before the landing page	Welcome page appears for the first time users after the splash screen before the landing page	Pass		
<b>[GRR004] Menu Navigation</b>	Menu Navigation should be placed on the left top corner on all the pages of the we application	Menu navigation should appear on the left corner of the application	Menu navigation appears on the left corner	Pass		
<b>[GRR004] Menu Navigation</b>	Menu Navigation should have links for all the other pages requested by the client	Menu navigation is accessible on all pages and able to navigate to all other pages only if a home council is selected.	Menu navigation is accessible on all pages and user able to navigate to all other pages on selecting a home council is selected.	Pass		

<b>[GRR004] Menu Navigation</b>	Prevent navigations on home recycling page without selection of home council	For first time users before selecting a home council navigation to home recycling page is prevented	For first time users before selecting a home council navigation to home recycling page is prevented	Pass		
				Pass		
<b>[GRR010] My Council Bin Info</b>	My Bin should display all the bins available for the user selected council	Home recycle page should display all the bins in the selected home council	Home recycle page should displayed all the bins in the selected home council to the user	Pass		
<b>[GRR010] My Council Bin Info</b>	My Bin should display all the bins available for the user selected council	A list of appropriate bins should be displayed		Pass		
<b>[GRR010] My Council Bin Info</b>	My Bin should fetch information dynamically based on council context	On searching anyother councils than home council the recyling page shoul show up the updated results	The results on the home recycling page are updated on choosing anyother council	Pass		
<b>[GRR005] QR Code Scanning</b>	On scanning a valid QR code user should be redirected to can/can't go list of that bin.	QR code scanning should enable navigation from qr-code scanning to can/can't go list of that bin.	QR code scanning users are navigated from qr-code scanning to can/can't go list of that bin.	Pass		
<b>[GRR005] QR Code Scanning</b>	Sacnning an invalid code should indicate that it's an invalid code.	There should be indications that it's an invalid code	There is indications that it's an invalid code	Pass		
<b>[GRR013] Can/Can't Go In List</b>	List should be on the Home recycling page	A list of can/can't go should appear on clicking any bin on the home recycling page	A list of can/can't go appears on clicking any bin on the home recycling page	Pass		
<b>[GRR013] Can/Can't Go In List</b>	All the components should be displayed for a selected bin	If any bins listed on the Home recycle page is clicked a list of can and can't go into the bins should appear matching the home council.	If any bins listed on the Home recycle page is clicked a list of can and can't go into the bins appeared that matches the home council selected by the user	Pass		
<b>[GRR013] Can/Can't Go In List</b>	All the components listed should be fetched dynamically	List should be dynamically fetched from the DB for each council selected by the users.	The is fetched from the DB on changing any council selection.	Pass		

<b>[GRR011] QR Code Branding</b>	The generated QR code should be using new binfluence logo.	QR codes are generated with binfluence logo on it.	QR codes have binfluence on it	Pass		
<b>[GRR011] QR Code Branding</b>	An example QR code is present on the the web page for QR code scanning	A example QR code should be present on the QR scan page.	A example QR code is present on the QR scan page.	Pass		
<b>[GRR003] Home Page /App Header</b>	Home page should be on the landing page of the UI	Home page should contain some introductory text.	Home page contain some introductory text.	Pass		
<b>[GRR003] Home Page /App Header</b>	Homepage should cater with the client brand logo and color.	Binfluence logo should be present and home council name should be present on the home page	Binfluence logo is present on the header of the home page.	Pass		
<b>[GRR003] Home Page /App Header</b>	Home page contains links to navigate to other pages of the app.	Home page should contain links navigate to other pages of the app like QR scan, my council bins and items search.	Home page contains links navigate to other pages of the app like QR scan, my council bins and items search and on selecting any link user is redirected to that page on the app.			
<b>[GRR003] Home Page /App Header</b>	Home page has reset council link	On selecting the reset council link user should be able to reselect their home council	On selecting the reset council link user are able to reselct their home council			
<b>[GRR003] Home Page /App Header</b>	Home page should have UI components like slider and header.	The slider component should be usable by the user to select the home councils	The slider component is usable by the user to select the home councils	Pass		
<b>[GQR018] Contact us page content</b>	Contact us page conatins a brief content about GreenQueen	Contact us page should conatin a brief content about GreenQueen with a visit us link on it.	Contact us page conatins a brief content about GreenQueen and the visit us link redirects to the GreenQueen website.	Pass		
	Contact us page conatins a feedback form	Contact us page should have a feedback form with 3 fields for collecting user details.	There are three fields on the feedback form enabling user to enter their details and feedback message.	Pass		
	On submitting a feedback form user must be notified	On submission user must be notified	On submission users notified through a toaster pop up.	Pass		