



GROUP 4 – TESTING DOCUMENT



Amandeep Tukhar, Tom Bestwick, Sami Idreesi, Adam Mazur, Saqab Mohammad, Vlad Septelici

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Testing Strategies

For testing our software, we are using unit testing to test each individual page (unit) of the application. We will also use a dynamic testing approach with test data that represents a subset of all possible test cases as opposed to using an exhaustive testing approach.

The type of test data we will use will be imaginary but realistic to represent the possible data the user can input to the application.

Throughout the testing phase, we used 3 different types of data in our testing strategy: good data, bad data, and boundary data.

By using these different types of data, it meant that we could verify if the system were working as intended and if any data entered would cause a crash in our system.

Login Testing

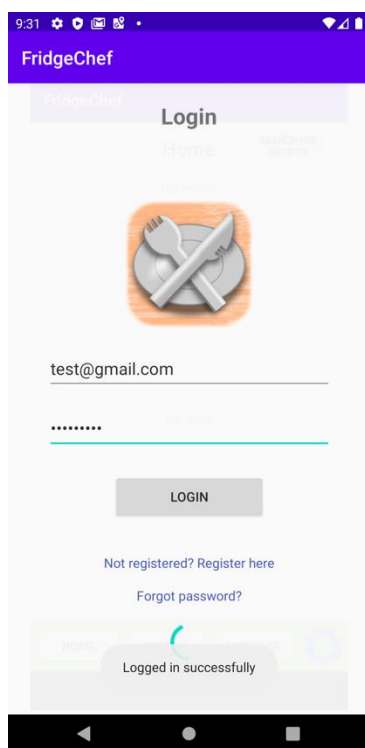
Testing – Post-Testing

Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	User can login with valid login credentials	Email: test@gmail Pass: qwerty123	Good	User logs in successfully	User logs in successfully	None
2	Try to login with an invalid password	Email: test@gmail Pass: qwerty	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
3	Try to login with an email that isn't registered	Email: test1@gmail Pass: qwerty123	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
4	Try to login without a password	Email: test@gmail Pass:	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
5	Try to login without an email	Email: Pass: qwerty123	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
6	Try to login without an email and a password	Email: Pass:	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
7	Try to login with a valid email but another user's password	Email: test@gmail Pass: password123	Bad	User fails to login – appropriate error message displayed	User fails to login – appropriate error message displayed	None
8	Test password reset link feature	Email: sami.k.idreesi@gmail.com	Good	Password reset link is sent to corresponding email	Password reset link is sent to corresponding email	None

9	Test password reset link feature with an unregistered email	Email: unregistered@gmail.com	Bad	Password reset link is not sent to the corresponding email and an appropriate error message is shown	Password reset link is not sent to the corresponding email and an appropriate error message is shown	None
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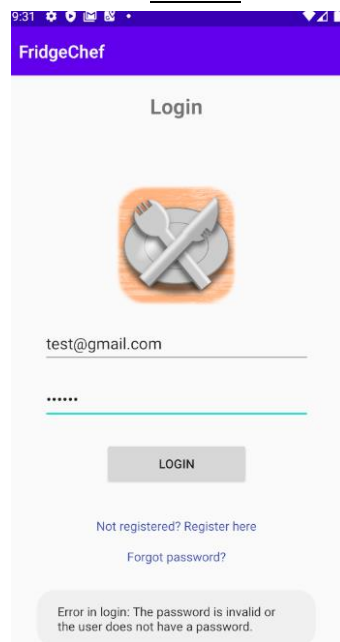
Test Results

Test 1



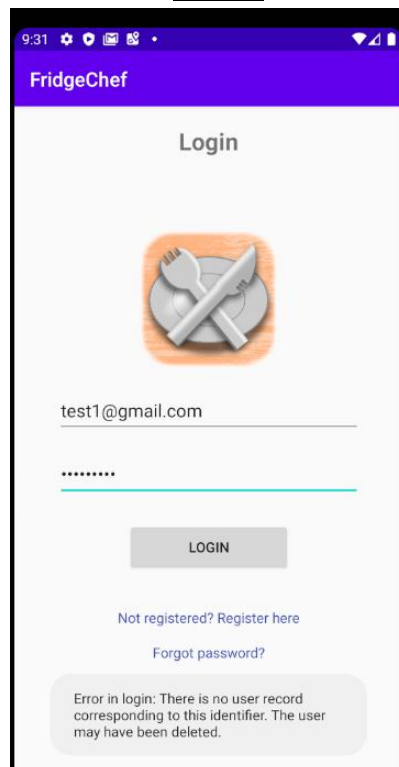
Screenshot showing the result when the user logs in with valid credentials

Test 2



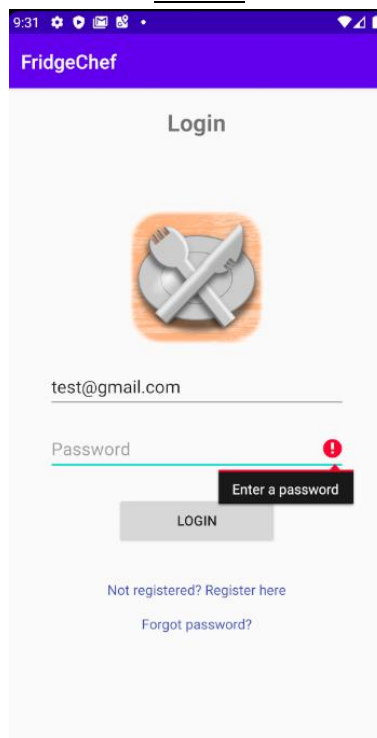
Screenshot showing the results when the users logs in with the wrong password

Test 3



Screenshot showing the results when the users logs in with an unregistered email

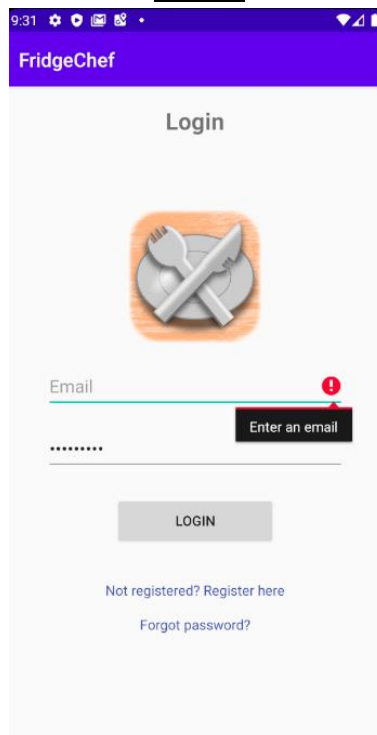
Test 4



The screenshot shows the FridgeChef mobile application's login screen. At the top, there is a purple header with the text "FridgeChef". Below the header, the word "Login" is centered. Underneath is a logo featuring a crossed fork and knife on a plate. The email field contains the text "test@gmail.com". The password field is empty and has a red exclamation mark icon to its right. A black tooltip with the text "Enter a password" is positioned over the password field. Below the password field is a grey "LOGIN" button. At the bottom, there are two links: "Not registered? Register here" and "Forgot password?".

Screenshot showing the results when the users logs in without a password

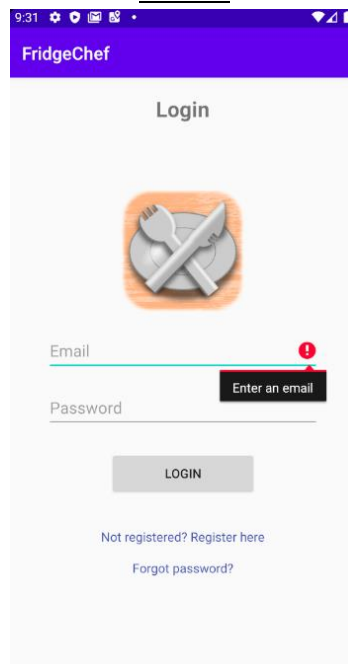
Test 5



The screenshot shows the FridgeChef mobile application's login screen. At the top, there is a purple header with the text "FridgeChef". Below the header, the word "Login" is centered. Underneath is a logo featuring a crossed fork and knife on a plate. The email field contains a redacted email address (represented by dots) and has a red exclamation mark icon to its right. A black tooltip with the text "Enter an email" is positioned over the email field. Below the email field is a grey "LOGIN" button. At the bottom, there are two links: "Not registered? Register here" and "Forgot password?".

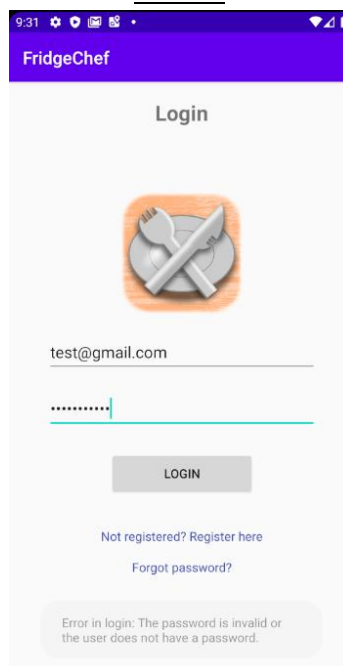
Screenshot showing the results when the users logs in without an email

Test 6



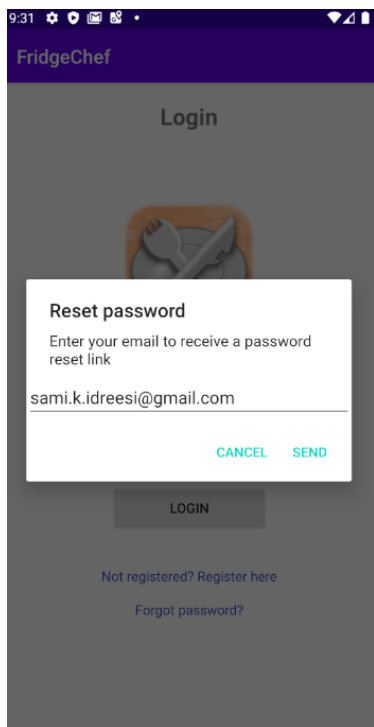
Screenshot showing the results when the users logs in without an email and password

Test 7



Screenshot showing the results when the users logs in with a valid email but another user's password

Test 8



Reset your password for Fridge Chef Inbox x



noreply@dropdown-ui.firebaseio.com

to me ▾

Hello,

Follow this link to reset your Fridge Chef password for your sami.k.idreesi@gmail.com account.

<https://dropdown-ui.firebaseio.com/> [REDACTED]

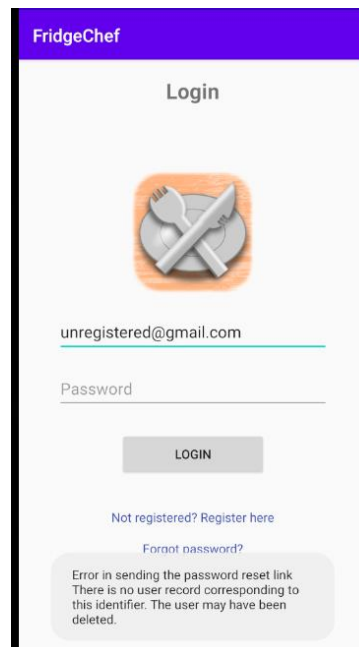
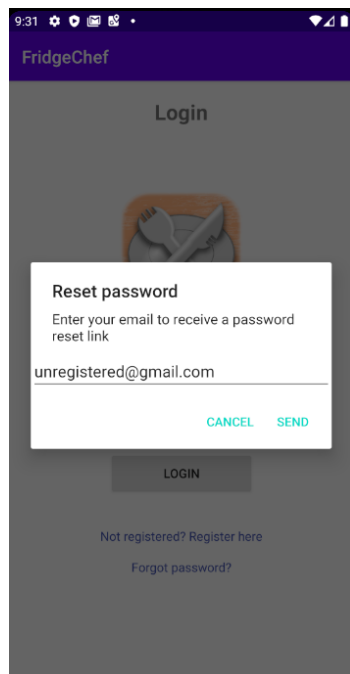
If you didn't ask to reset your password, you can ignore this email.

Thanks,

Your Fridge Chef team

Screenshots showing the results when the user clicks the forgot password link and enters their email

Test 9



Screenshots showing the results when the user clicks the forgot password link and enters an unregistered email

Registration Testing

Testing – Post-Testing

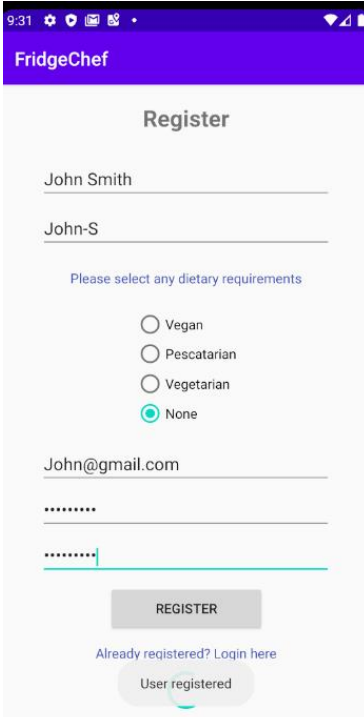
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	User can register with valid data and no dietary requirements	Full name: John Smith Username: John-S Dietary requirements: None Email: John@gmail.com Password: qwerty123 Confirm password: qwerty123	Good	User registers successfully	User registers successfully	None
2	User with vegan dietary requirements can register	Full name: Test Vegan Username: Vegan Dietary requirements: Vegan Email: vegan@gmail.com Password: qwerty123 Confirm password: qwerty123	Good	User registers successfully	User registers successfully	None
3	User with vegetarian dietary requirements can register	Full name: Test Vegetarian Username: Vegetarian Dietary requirements: Vegetarian Email: Vegetarian@gmail.com Password: qwerty123 Confirm password: qwerty123	Good	User registers successfully	User registers successfully	None
4	User with pescatarian dietary requirements can register	Full name: Test Pescatarian Username: Pescatarian Dietary requirements: Pescatarian Email: Pescatarian@gmail.com Password: qwerty123 Confirm password: qwerty123	Good	User registers successfully	User registers successfully	None
5	User tries registering with a username that already exists	Full name: John Smithers Username: John-S Dietary requirements: None Email: JS@gmail.com Password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None

		Confirm password: qwerty123				
6	User tries registering with an email that already exists	Full name: John Doe Username: John-D Dietary requirements: None Email: John@gmail.com Password: qwerty123 Confirm password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
7	User tries registering without a full name	Full name: Username: test7 Dietary requirements: None Email: test7@gmail.com Password: qwerty123 Confirm password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
8	User tries registering without a username	Full name: Empty Username Username: Dietary requirements: None Email: test8@gmail.com Password: qwerty123 Confirm password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
9	User tries registering without an email	Full name: Empty Email Username: test9 Dietary requirements: None Email: Password: qwerty123 Confirm password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
10	User tries registering without a password	Full name: No Password Username: test10 Dietary requirements: None Email: test10@gmail.com Password: qwerty123 Confirm password: qwerty123	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
11	User tries registering without confirming the password	Full name: Confirm Password Username: test11 Dietary requirements: None Email: test11@gmail.com Password: qwerty123 Confirm password:	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None

12	User tries registering with a different password and confirm password	Full name: Different Passwords Username: test12 Dietary requirements: None Email: test12@gmail.com Password: qwerty123 Confirm password: qwerty1234	Bad	User registration fails and appropriate error message displayed	User registration fails and appropriate error message displayed	None
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Test Results

Test 1:



The screenshot shows the 'FridgeChef' app interface on a mobile device. The status bar at the top shows the time as 9:31 and various icons. The app's header is purple with the text 'FridgeChef'. Below the header, the title 'Register' is centered. The form contains the following fields and options:

- Full name: 'John Smith' (text input)
- Username: 'John-S' (text input)
- Dietary requirements: A section titled 'Please select any dietary requirements' with four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None'. The 'None' option is selected.
- Email: 'John@gmail.com' (text input)
- Password: A masked input field with '*****' (text input)
- Confirm password: A masked input field with '*****' (text input)
- A 'REGISTER' button is located below the password fields.
- Below the button, there is a link: 'Already registered? Login here'.
- At the bottom, a green circular toast message says 'User registered'.

Screenshot showing the results when the users registers with valid input data and no dietary requirements

Test 2

The screenshot shows the FridgeChef mobile application interface. At the top, the status bar displays the time 9:31 and various icons. Below the status bar is a purple header with the text "FridgeChef". The main content area is titled "Register". It contains the following elements: a text input field with the value "Test Vegan", another text input field with the value "Vegan", a label "Please select any dietary requirements" in blue, four radio button options: "Vegan" (selected with a blue dot), "Pescatarian", "Vegetarian", and "None", a text input field with the value "vegan@gmail.com", two password input fields (both masked with dots), a blue "REGISTER" button, a blue link "Already registered? Login here", and a grey button labeled "User registered" with a blue checkmark icon.

Screenshot showing the results when the user registers with valid input data and vegan dietary requirements

Test 3

The screenshot shows the FridgeChef mobile application interface. At the top, the status bar displays the time 9:31 and various icons. Below the status bar is a purple header with the text "FridgeChef". The main content area is titled "Register". It contains the following elements: a text input field with the value "Test Vegetarian", another text input field with the value "Vegetarian", a label "Please select any dietary requirements" in blue, four radio button options: "Vegan", "Pescatarian", "Vegetarian" (selected with a blue dot), and "None", a text input field with the value "Vegetarian@gmail.com", two password input fields (both masked with dots), a blue "REGISTER" button, a blue link "Already registered? Login here", and a grey button labeled "User registered" with a blue checkmark icon.

Screenshot showing the results when the user registers with valid input data and vegetarian dietary requirements

Test 4

The screenshot shows the 'FridgeChef' app's 'Register' screen. The form is filled with valid data: 'Test Pescatarian' for the name, 'Pescatarian' for the dietary requirement (selected with a radio button), 'Pescatarian@gmail.com' for the email, and two masked password fields. A green line traces the path from the top right to the 'Pescatarian' radio button, then down to the 'REGISTER' button, and finally to the 'User registered' confirmation message. The 'REGISTER' button is highlighted in grey.

FridgeChef

Register

Test Pescatarian

Pescatarian

Please select any dietary requirements

☐ Vegan

☒ Pescatarian

☐ Vegetarian

☐ None

Pescatarian@gmail.com

REGISTER

Already registered? [Login here](#)

User registered

Screenshot showing the results when the user registers with valid input data and pescatarian dietary requirements

Test 5

The screenshot shows the 'FridgeChef' app's 'Register' screen. The form contains 'John Smithers' for the name, 'John-S' for the username, and 'JS@gmail.com' for the email. The 'None' dietary requirement is selected. A red exclamation mark icon is next to the username field. A black error message box with white text says 'This username already exists'. The 'REGISTER' button is highlighted in grey.

FridgeChef

Register

John Smithers

John-S

Please select any dietary requirements

☐ Vegan

☐ Pescatarian

☐ Vegetarian

☒ None

JS@gmail.com

REGISTER

Already registered? [Login here](#)

This username already exists

Screenshot showing the results when the user registers with a username that already exists

Test 6

The screenshot shows the FridgeChef mobile app interface. At the top is a purple header with the text 'FridgeChef'. Below the header is a white box titled 'Register'. Inside this box, the form contains the following elements: a text input for 'Full Name' with the value 'John Doe'; a text input for 'Email' with the value 'John-D'; a section titled 'Please select any dietary requirements' with four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None' (which is selected); a text input for 'Password' with the value 'John@gmail.com'; and two password confirmation fields, both containing asterisks. A grey 'REGISTER' button is positioned below the password fields. At the bottom of the white box, there is a red error message: 'Error in registration The email address is already in use by another account.' Above this message is a link that says 'Already registered? Login here'.

Screenshot showing the results when the user registers with an email that already exists

Test 7

The screenshot shows the FridgeChef mobile app interface. At the top is a purple header with the text 'FridgeChef'. Below the header is a white box titled 'Register'. Inside this box, the form contains the following elements: a text input for 'Full Name' with the value 'test7'; a text input for 'Email' with the value 'test7@gmail.com'; a section titled 'Please select any dietary requirements' with four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None' (which is selected); and two password confirmation fields, both containing asterisks. A grey 'REGISTER' button is positioned below the password fields. A red error message is displayed above the 'Full Name' input field, stating 'Enter a full name'. The error message is enclosed in a red box with a red exclamation mark icon. At the bottom of the white box, there is a link that says 'Already registered? Login here'.

Screenshot showing the results when the user registers without a full name

Test 8

The screenshot shows the FridgeChef mobile application's registration screen. At the top, the status bar displays the time 9:31 and various icons. The app's header is a purple bar with the text 'FridgeChef'. Below the header, the title 'Register' is centered. The form contains several fields: a 'Username' field with a red exclamation mark icon and a tooltip that says 'Enter a username'; a 'Please select any diet' section with four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None' (which is selected); an email field containing 'test8@gmail.com'; and two password fields, both masked with dots. At the bottom of the form is a grey 'REGISTER' button and a link that says 'Already registered? Login here'.

Screenshot showing the results when the user registers without a username

Test 9

The screenshot shows the FridgeChef mobile application's registration screen. At the top, the status bar displays the time 9:31 and various icons. The app's header is a purple bar with the text 'FridgeChef'. Below the header, the title 'Register' is centered. The form contains several fields: an 'Email' field with a red exclamation mark icon and a tooltip that says 'Enter an email'; a 'Please select any dietary requirements' section with four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None' (which is selected); a 'Username' field containing 'test9'; and two password fields, both masked with dots. At the bottom of the form is a grey 'REGISTER' button and a link that says 'Already registered? Login here'.

Screenshot showing the results when the user registers without an email

Test 10

The screenshot shows the 'FridgeChef' app's 'Register' screen. The form includes fields for 'No password', 'test10', dietary requirements (Vegan, Pescatarian, Vegetarian, None), 'test10@gmail.com', and 'Password'. The 'Password' field is highlighted with a red border and a red exclamation mark icon, indicating a validation error. A black tooltip with the text 'Enter a password' is positioned over the password field. The 'REGISTER' button is disabled (greyed out). At the bottom, there is a link: 'Already registered? Login here'.

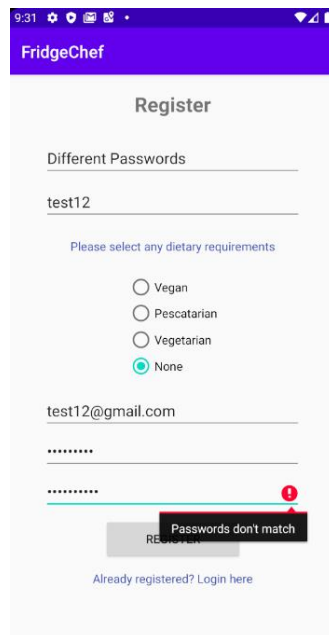
Screenshot showing the results when the user registers without inputting the first password field

Test 11

The screenshot shows the 'FridgeChef' app's 'Register' screen. The form includes fields for 'Confirm Password', 'test11', dietary requirements (Vegan, Pescatarian, Vegetarian, None), 'test11@gmail.com', and a password field. The 'Confirm password' field is highlighted with a red border and a red exclamation mark icon, indicating a validation error. A black tooltip with the text 'Enter the password' is positioned over the confirm password field. The 'REGISTER' button is disabled (greyed out). At the bottom, there is a link: 'Already registered? Login here'.

Screenshot showing the results when the user registers without inputting the confirm password field

Test 12



The screenshot shows a mobile application interface for 'FridgeChef'. At the top is a purple header with the app name. Below it is a 'Register' section. The first field is labeled 'Different Passwords' and contains the text 'test12'. Below this is a section for dietary requirements with the prompt 'Please select any dietary requirements' and four radio button options: 'Vegan', 'Pescatarian', 'Vegetarian', and 'None' (which is selected). Below the dietary requirements is an email field containing 'test12@gmail.com'. There are two password fields, both masked with dots. A red error message 'Passwords don't match' is displayed above the 'REGISTER' button. At the bottom, there is a link that says 'Already registered? Login here'.

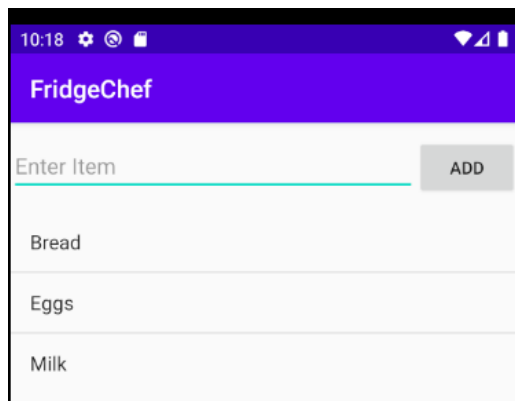
Screenshot showing the results when the user registers with the confirm password field different to the password field

Shopping List - Testing

Testing – Pre-Testing

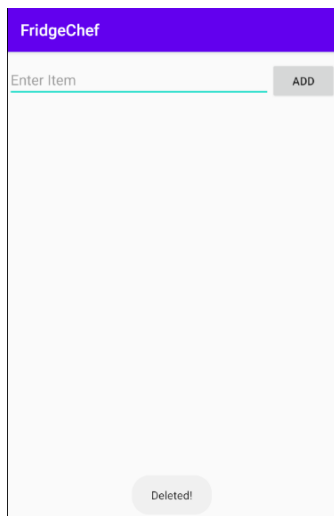
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result
1	Adding Items	Bread Eggs Milk	Good	Will be accepted by the system and will be successfully added to the list
2	Deleting Items	Deletion of previous data – Bread, Eggs and Milk	Good	Items will be deleted
3	Adding items with special characters	'%\$@~'	Bad	Will be accepted as there is no validation in the shopping list for this

Test Results – Test Number 1



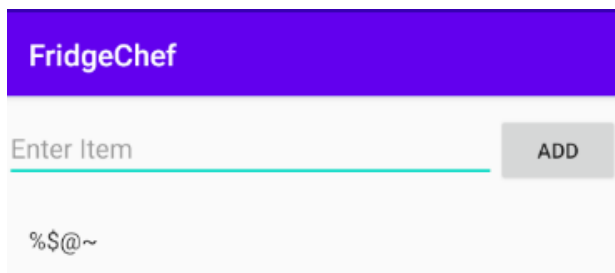
The data added to the list successfully.

Test Results – Test Number 2



After pressing the items, they were deleted successfully from the list and the toast message displayed correctly.

Test Results – Test Number 3



The item was added to the list as expected since this does not need any validation.

Testing – Post-Testing

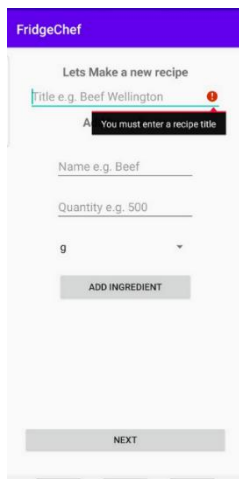
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	Adding Items	Bread Eggs Milk	Good	Will be accepted by the system and will be successfully added to the list	The data added to the list successfully.	N/A
2	Deleting Items	Deletion of previous data – Bread, Eggs and Milk	Good	Items will be deleted	Data was deleted	N/A
3	Adding items with special characters	'%\$@~	Bad	Will be accepted as there is no validation in the shopping list for this	Data was accepted	N/A

Recipe Addition - Testing

Testing – Pre-Testing

Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result
1	Validation on Title	Blank Title Field	Bad	I should not be allowed to proceed, and an exclamation should appear to direct me to the field, so I add data to it.
2	Validation on ingredient name	Blank ingredient name. Quantity present.	Bad	I should not be allowed to add the ingredient without a name. I should receive an error marker.
3	Validation on Ingredient Quantity	Blank quantity field. Ingredient Name Present	Bad	I should not be allowed to add the ingredient and be directed to enter a quantity.
4	Validation on ingredients	Blank Ingredients Box. Title Present.	Bad	I should not be allowed to press next when there are no ingredients in the box, as you cannot have a recipe with no ingredients.
5	Proceeding to method page	Recipe for beef wellington with correct title and ingredients	Good	As all the data is correct, I should be proceeded onto the add method page.
6	Method Validation	No Data in method field.	Bad	As no data is present in should receive an error.
7	Submitting recipe	Correct recipe and method.	Good	I should be able to submit the recipe and then view it.

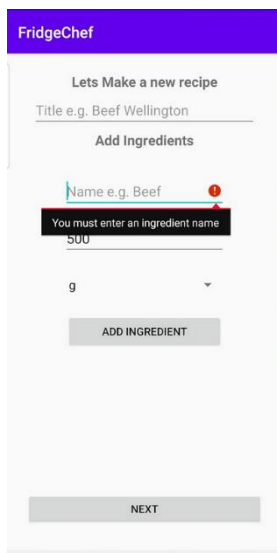
Test Results



Test Number 1

Here you can see I have pressed the next button with ingredients added but with no title.

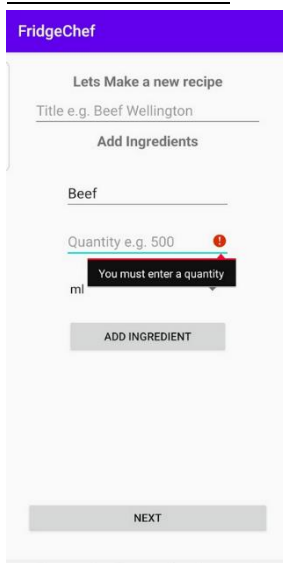
As expected, a small exclamation mark has appeared in the Title field directing the user to enter a title before they can proceed.



Test Number 2

Here you can see I have pressed add ingredient with no ingredient name entered and have received an error directing me to fill in the field.

Test Number 3



Here you can see I have pressed add ingredient with no quantity entered. You can see that the exclamation highlights the field and directs the user to enter a quantity.

FridgeChef

Lets Make a new recipe

Beef Wellington

Add Ingredients

Name e.g. Beef

Quantity e.g. 500

ml

ADD INGREDIENT

You must enter some ingredients

NEXT

Test Number 4

Here you can see I have pressed the next button with no ingredients entered but with a title.

As you can see a toast appears telling you that you must enter some ingredients.

Test Number 5

Here you can see I have pressed the next button with correct information and been direct onto the add method page.

FridgeChef

Lets Make a new recipe

Beef Wellington

Add Ingredients

Name e.g. Beef

Quantity e.g. 500

N/A

ADD INGREDIENT

Beef Fillet: 1000g, Puff Pastry: 500g, Butter: 50g, Olive Oil: 3tbsp, egg yolks: 2

NEXT

FridgeChef

AddMethod

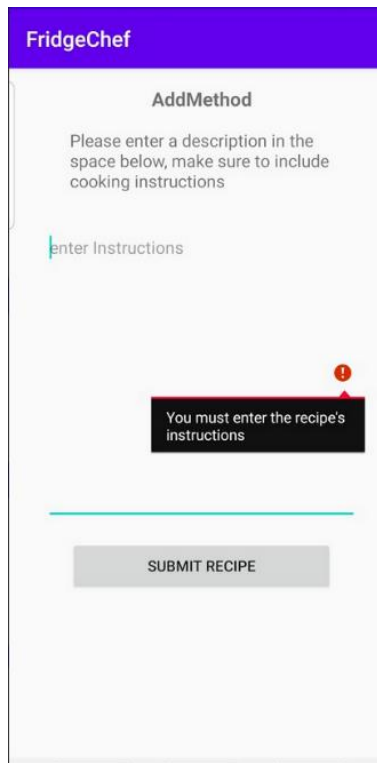
Please enter a description in the space below, make sure to include cooking instructions

enter Instructions

SUBMIT RECIPE

Test Number 6

Here you can see I have pressed the submit button with no method entered and have received a prompt to enter a method.



The screenshot shows a web application titled "FridgeChef" with a purple header. Below the header is a form titled "AddMethod". The form contains a text input field with the placeholder text "enter Instructions". Below the input field is a red error message box that says "You must enter the recipe's instructions". At the bottom of the form is a grey button labeled "SUBMIT RECIPE".

FridgeChef

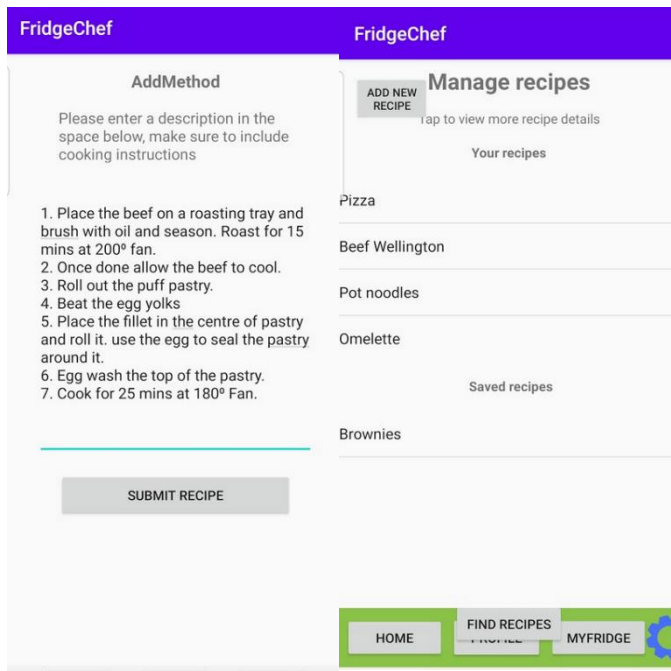
AddMethod

Please enter a description in the space below, make sure to include cooking instructions

enter Instructions

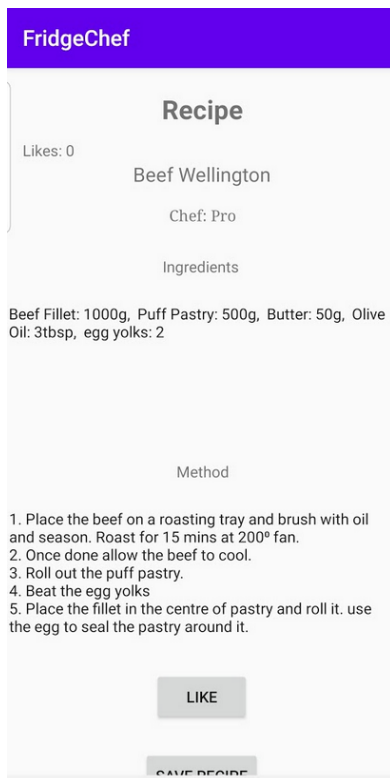
You must enter the recipe's instructions

SUBMIT RECIPE



Test Number 7

Here you can see I have pressed the submit button with a correct method entered. When submit is pressed it takes me back to a home page where I can press on it and view it again.



Here you can see I have selected the recipe and can view it. You can that the recipe has all been added and we can see who it has been added by and how many likes it has.

However, you can see that the method box is not big enough so I cannot see the entire method.

This could quickly be fixed by making the method list box a scrollable box.

Testing – Post-Testing

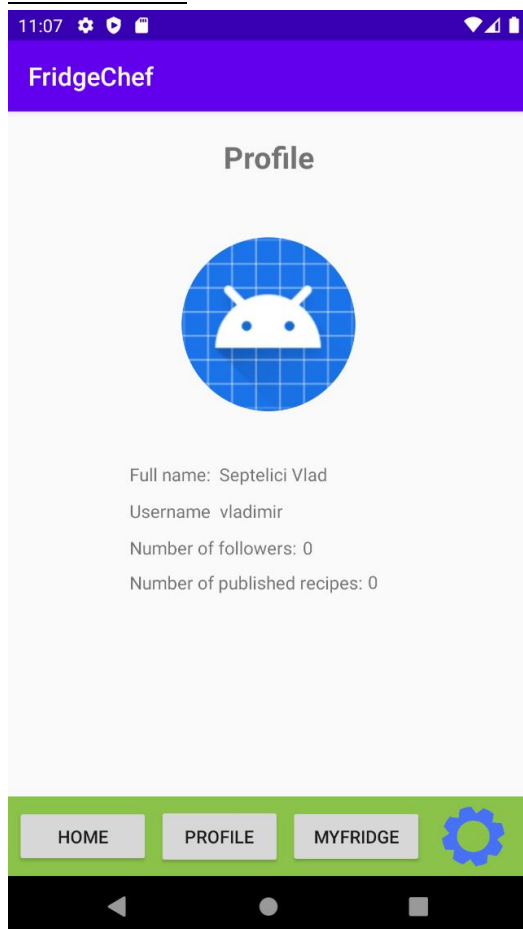
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	Validation on Title	Blank Title Field	Bad	I should not be allowed to proceed, and an exclamation should appear to direct me to the field, so I add data to it.	As expected.	N/A
2	Validation on ingredient name	Blank ingredient name. Quantity Present.	Bad	I should not be allowed to add the ingredient without a name. I should receive an error marker.	As expected.	N/A
3	Validation on Ingredient Quantity	Blank quantity field. Ingredient Name Present	Bad	I should not be allowed to add the ingredient and be directed to enter a quantity.	As expected.	N/A
4	Validation on ingredients	Blank Ingredients Box. Title Present.	Bad	I should not be allowed to press next when there are no ingredients in the box, as you cannot have a recipe with no ingredients.	As expected.	N/A
5	Proceeding to method page	Recipe for beef wellington with correct title and ingredients	Good	As all the data is correct, I should be proceeded onto the add method page.	As Expected.	N/A
6	Method Validation	No Data in method field.	Bad	As no data is present in should receive an error.	As Expected	N/A
7	Submitting recipe	Correct recipe and method.	Good	I should be able to submit the recipe and then view it.	Works correctly but cannot view the recipe properly	Box needs to be scrollable

Settings and Profile Page - Testing

Testing – Pre-Testing

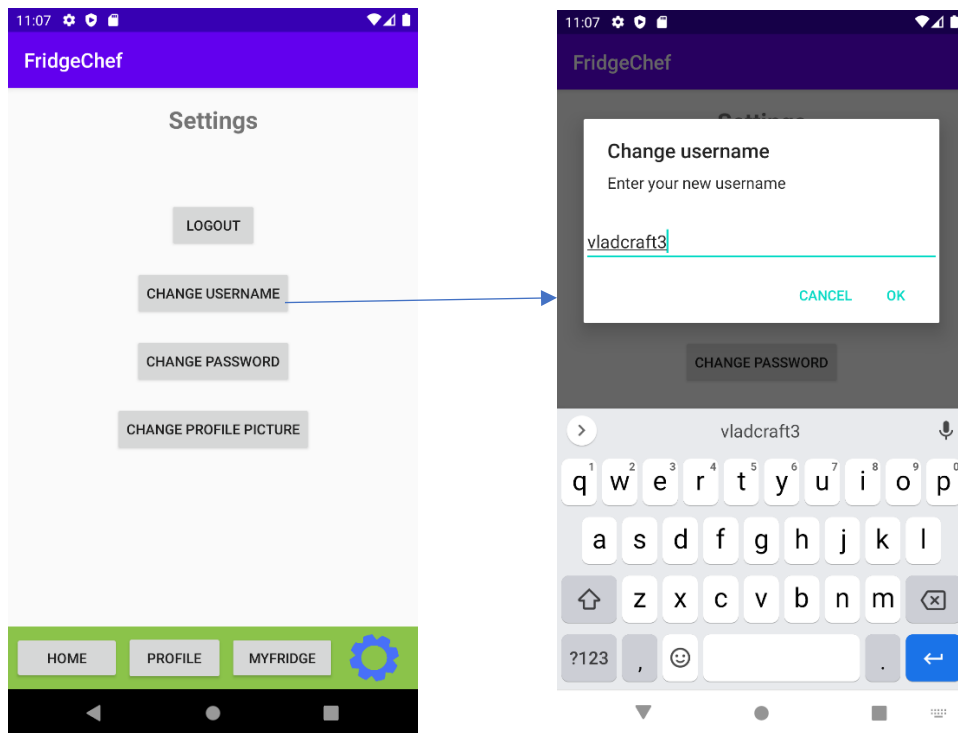
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result
1	Settings Page	Logout button	Good	Logout
		Change username option	Good	Username change
		Change password option	Good	Password change
		Change profile picture	Good	Picture change
2	Profile Page	Display name	Good	Name display
		Display username	Good	Username display
		Display number of followers	Good	Display number of followers
		Display number of recipes posted	Good	Display number of recipes posted

Test Results

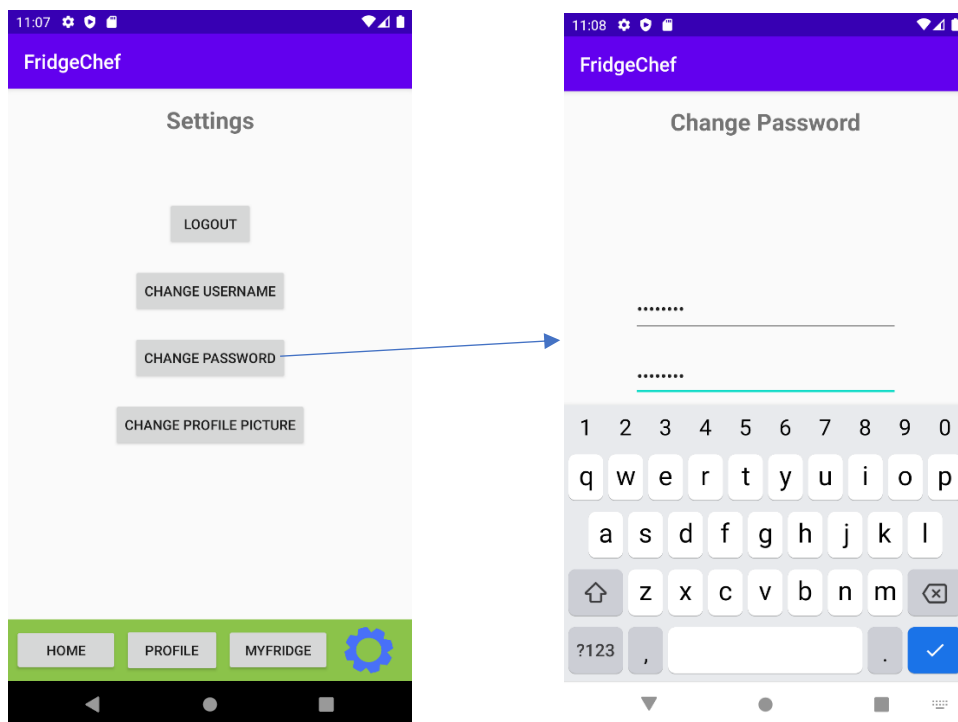


standard user profile before settings:

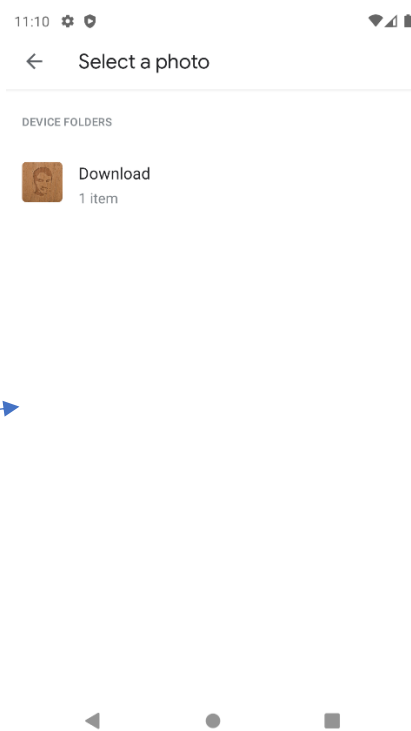
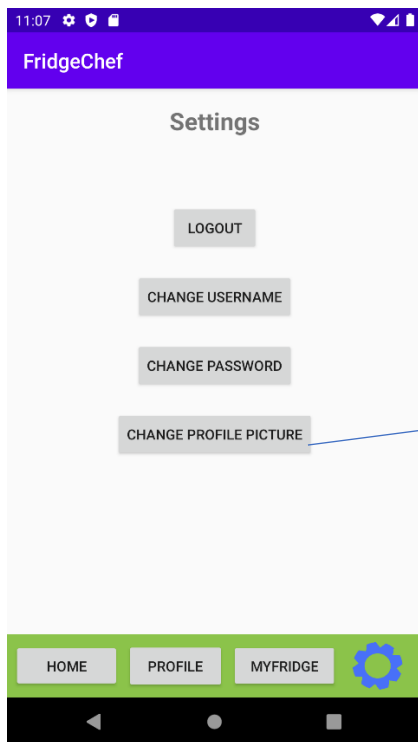
note that is not a pro user, so he has 0 recipes published



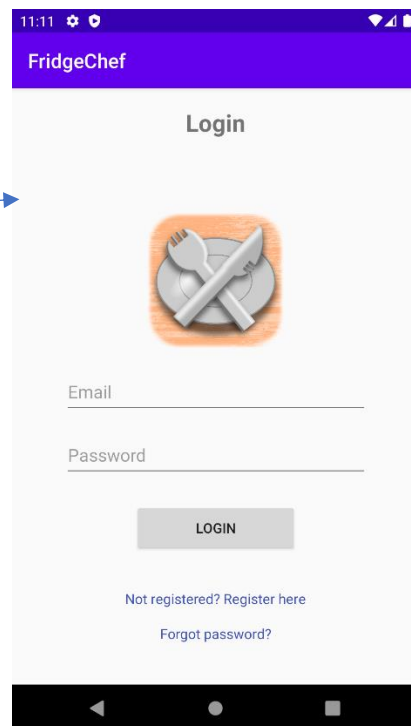
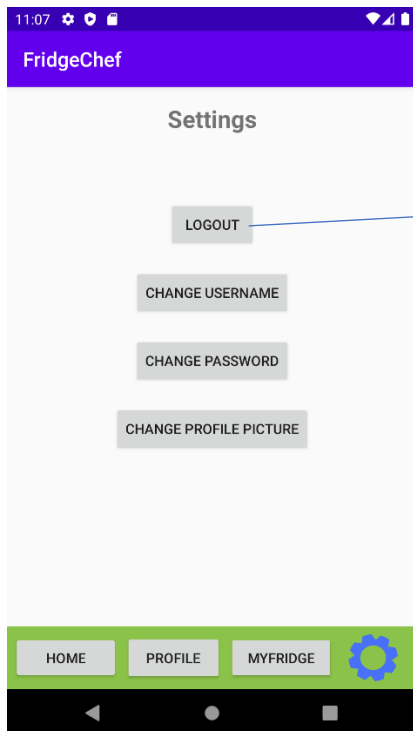
The change username opened the username change page and the new username has been introduced



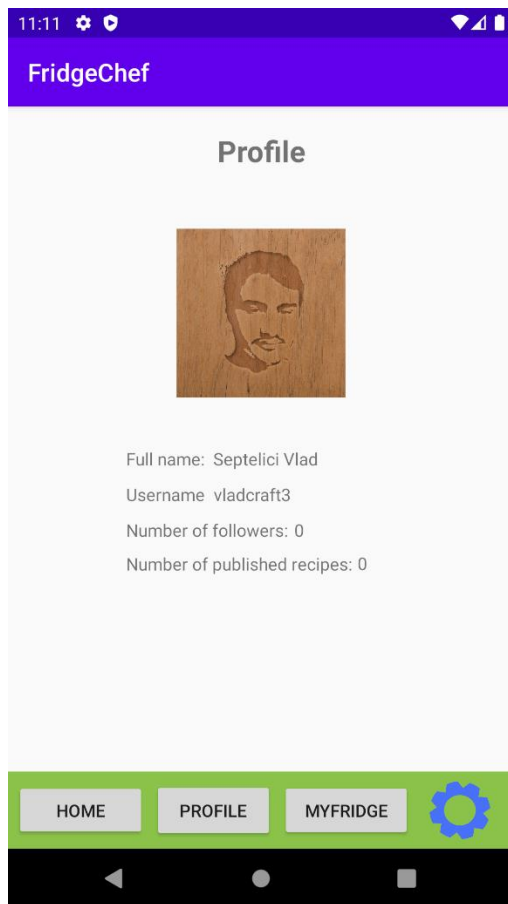
The change password button opened the password change page and the current password and a new password have been introduced in order for the password to be change. Note: the passwords above are different.



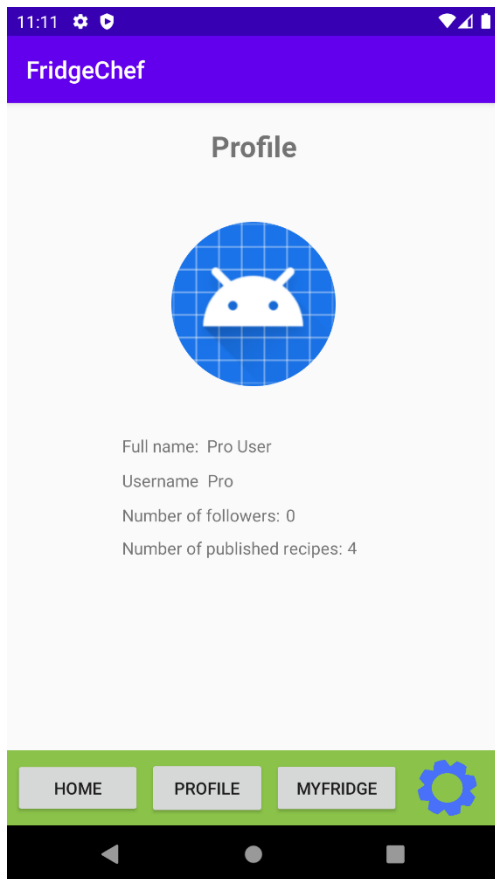
The change profile picture opened the select photo page where the user can select uploaded photos to change his/her profile picture.



The logout button opened the registration page, so, is working as intended.



This is the new user page after the above settings have been applied. Also, the user logged in with the new password. In conclusion, the settings page is working as intended.



This is a screenshot of a pro user, notice that he/she has 4 recipes published, comparing to the standard user that always has 0 recipes. As well as the standard user, the full name, username, and number of followers are being displayed. In conclusion, the profile page is working as intended.

Testing – Post-Testing

Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	Settings Page	Logout button Change username option Change password option Change profile picture	Good Good Good Good Good	Logout Username change Password change Picture change	Went to login page Username change Password change Picture change	Press the button Press button Enter new username Press button Enter new password Press button Select new picture
2	Profile Page	Display name Display username Display number of followers Display number of recipes posted	Good Good Good Good	Name display Username display Display number of followers Display number of recipes posted	Name display Username display Display number of followers Display number of recipes posted	Just press the profile button and everything will be displayed on the profile page

Fridge Page - Testing

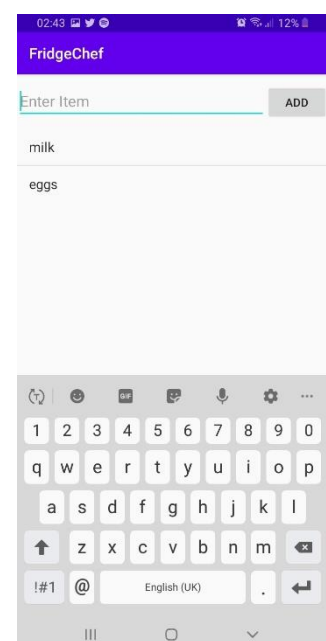
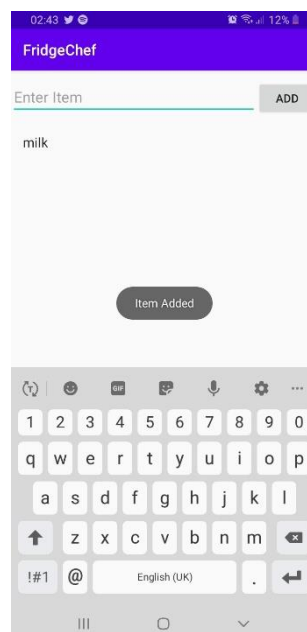
Testing – Pre-Testing

Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result
1	Shopping list, (add)	items: milk , eggs	good	Eggs and milk is added to the shopping list
2	Shopping list ,(remove)	All items	Good	All items are removed
3	Add ingredient to the fridge	Items: Eggs = 8 Milk = 200ml	Good	Items are shown in the fridge list with amount
4	Remove items from the fridge	All items	good	All items are removed from the list

Test Results – Test Number 1

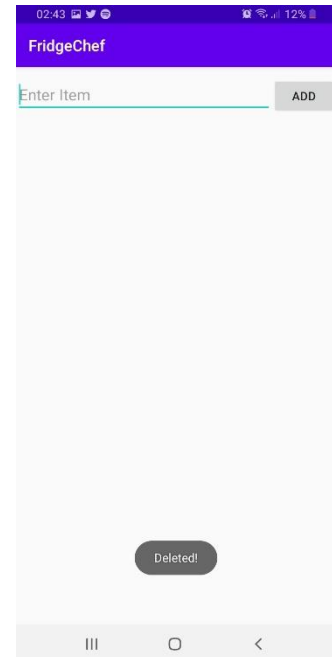
milk has been added to the shopping list,
and we get a confirmation message.

Milk and eggs have been added to the list



Test Number 2

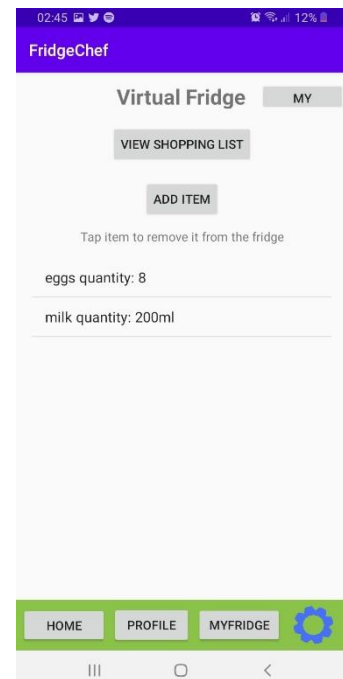
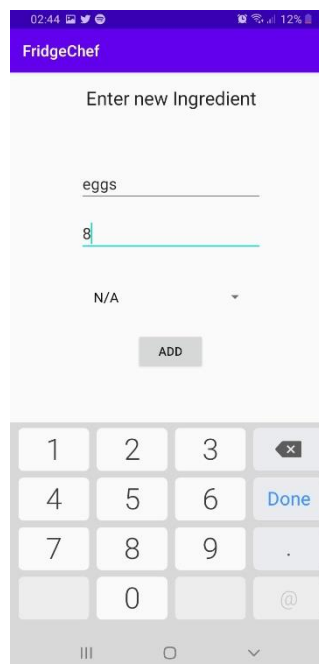
All items have been removed, and we get a message saying “Deleted”



Test Number 3

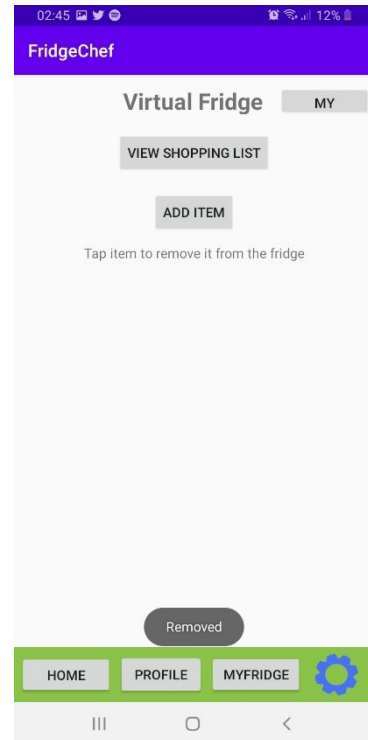
I added 2 items with different measurement units to the fridge.

We can see them in the second screen shot.



Test Number 4

All items have been removed and the fridge is empty.



Testing – Post-Testing

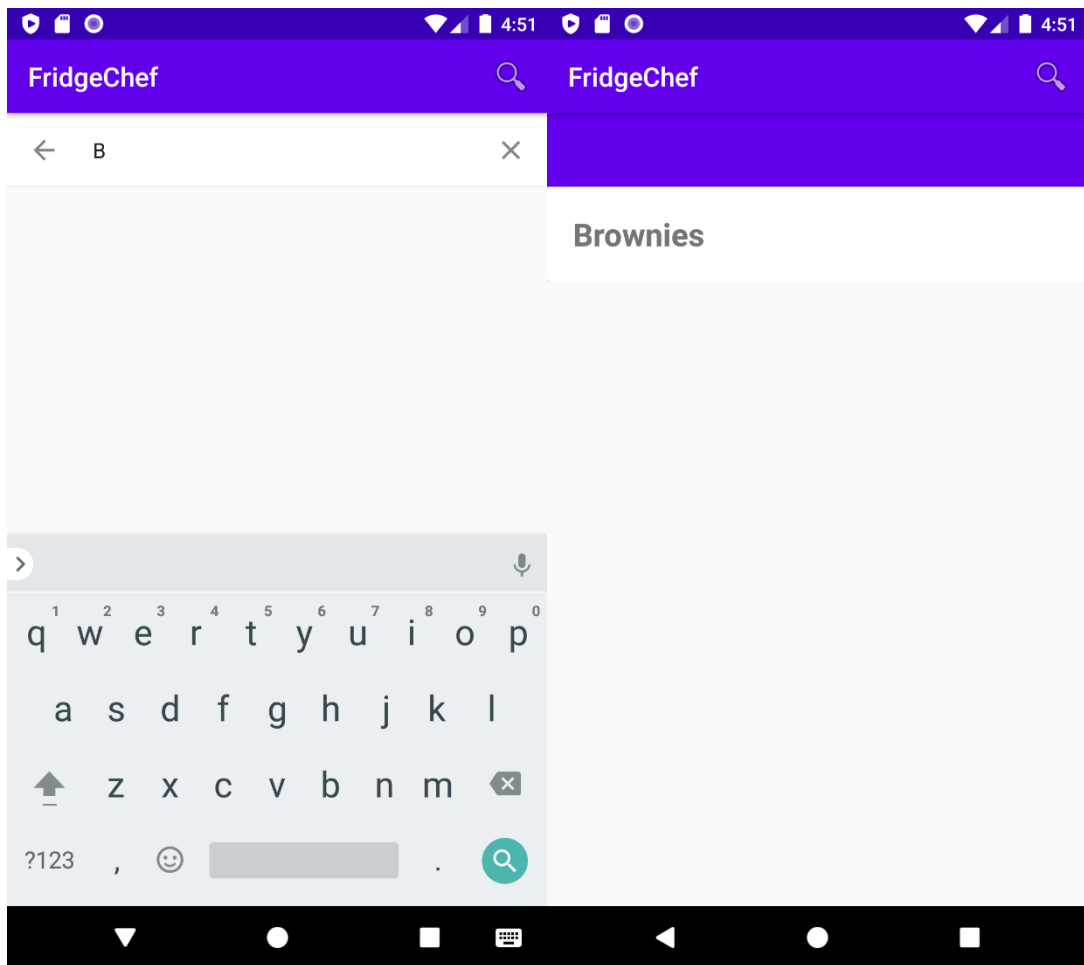
Test No.	What is being tested?	Test Data	Testing Strategy (Good, Bad, Boundary)	Expected result	Actual result	Actions needed
1	Shopping list, (add)	items: milk , eggs	Good	items are added to the list	Items are shows in the list	Hide keyboard when an item has been added
2	Shopping list ,(remove)	All items	Good	Items are removed from the list when double taped	All items are removed, and shopping list is empty	
3	Add ingredient to the fridge	Items: Eggs = 8 Milk = 200ml	Good	Items are saved in the fridge with the correct measurement unit.	The result matches the input,	When an item is added the app navigates back to the home page when it should go to the fridge
4	Remove items from the fridge	All items	Good	Items are removed from the list when double taped	Items are removed and list is empty	

Search Page – Testing

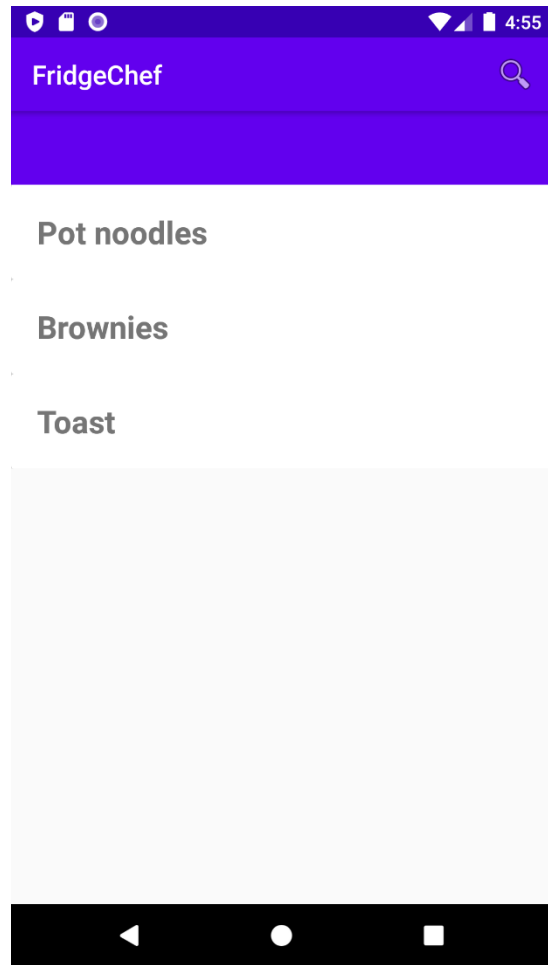
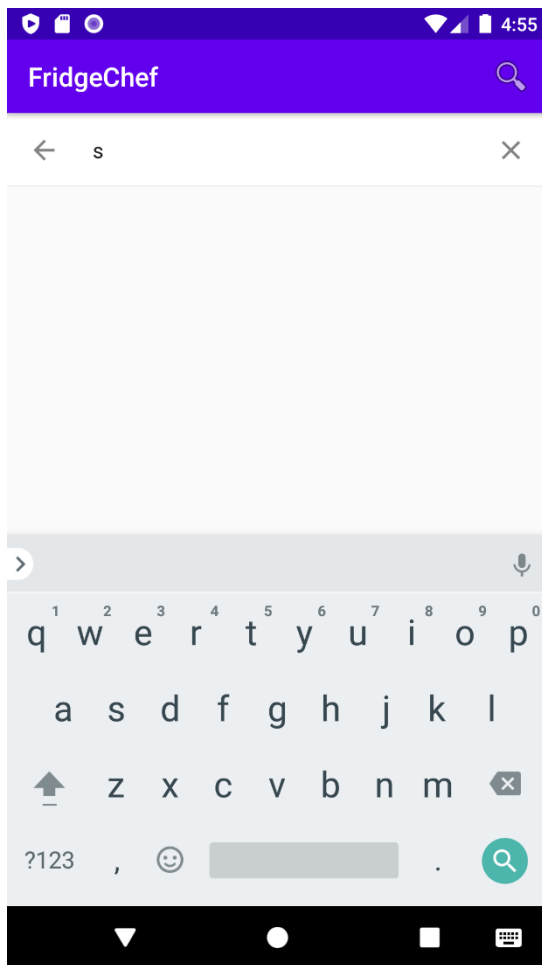
Test number	What is being tested	Input	Predicted Output	Output	Comment
1.	Responsiveness to the single higher-case character	B	List with the item: Brownies	List with the item: Brownies	OK
2.	Responsiveness to the single lower-case character	s	List with the items: Brownies Pot noodles Toast	List with the items: Pot noodles Brownies Toast	Not alphabetically , but OK
3.	Responsiveness to the item name	Pizza	List with the item: Pizza	List with the item: Pizza	OK
4.	Responsiveness to the altered item name	Ptndls	List without the items	List without the items	OK
5.	Responsiveness to the integers	421543	List without the items	List without the items	OK
6.	Responsiveness to the altered item name with the integers	T04st	List without the items	List without the items	OK
7.	Responsiveness to the item name with two words	Pot Noodles	List with the item: Pot noodles	List with the item: Pot noodles	OK
8.	Responsiveness to the two item names inserted at once	toast pizza	List without the items	List without the items	OK
9.	Responsiveness to the item name in higher-case	BROWNIES	List with the item: Brownies	List with the item: Brownies	OK
10.	Responsiveness to lack of input just the clicked search	Nothing inputted	No search will occur	No search will occur	OK

Here, the pre-testing and post testing tables were combined together.

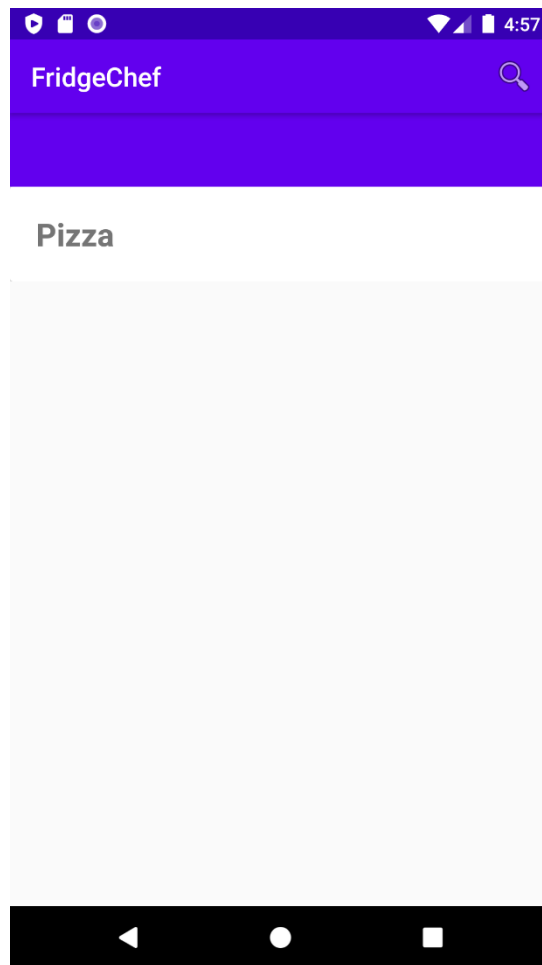
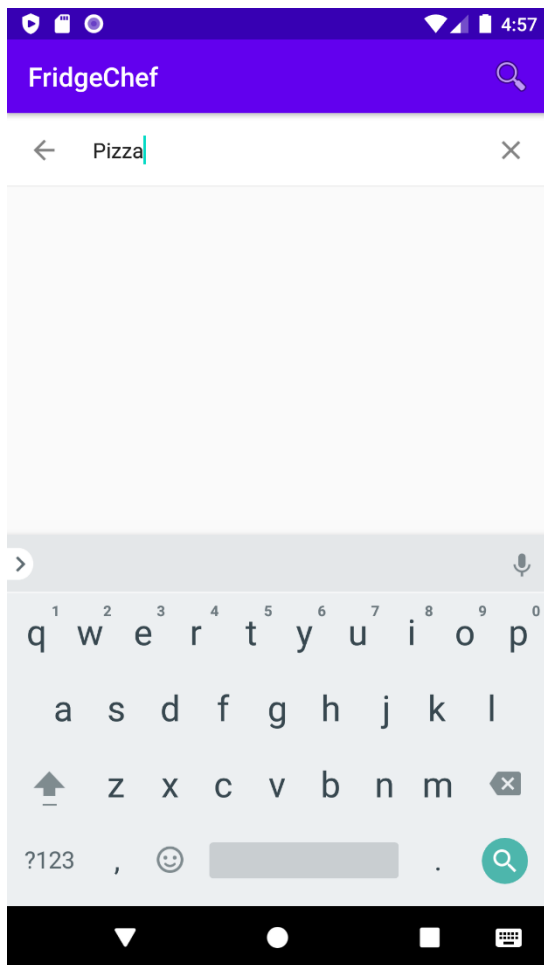
Test Number 1



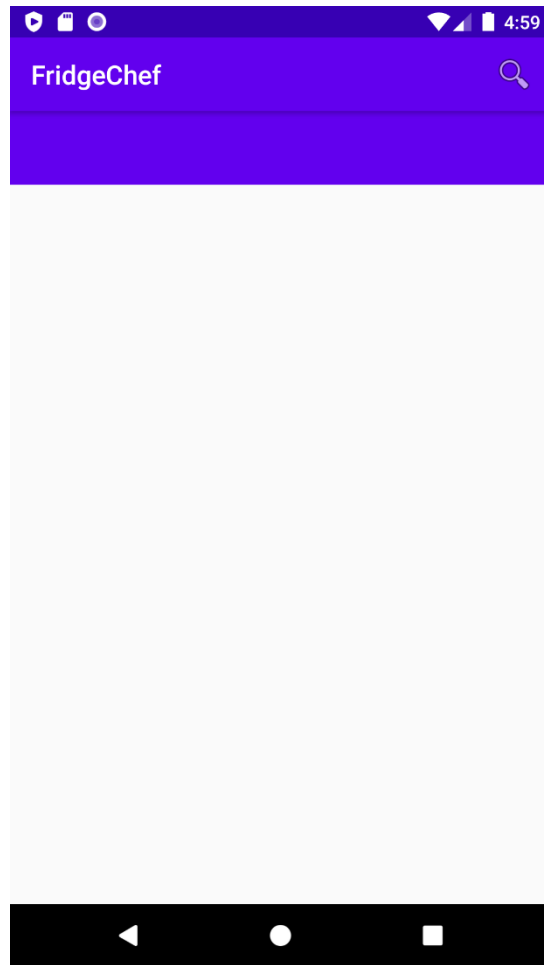
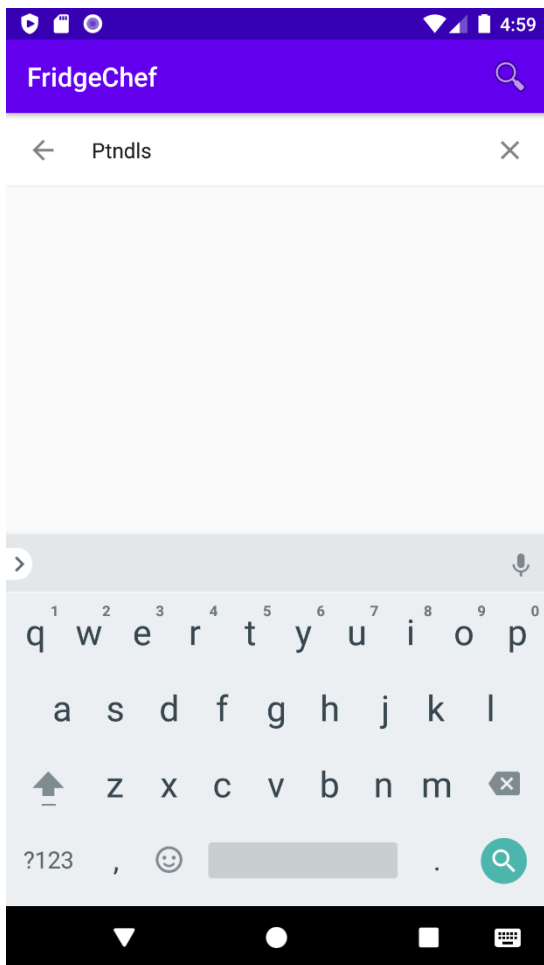
Test Number 2



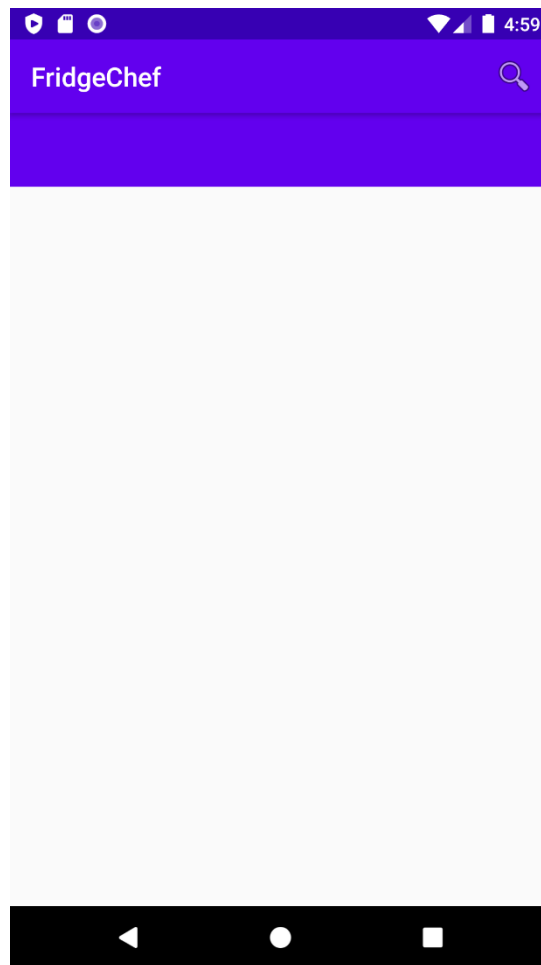
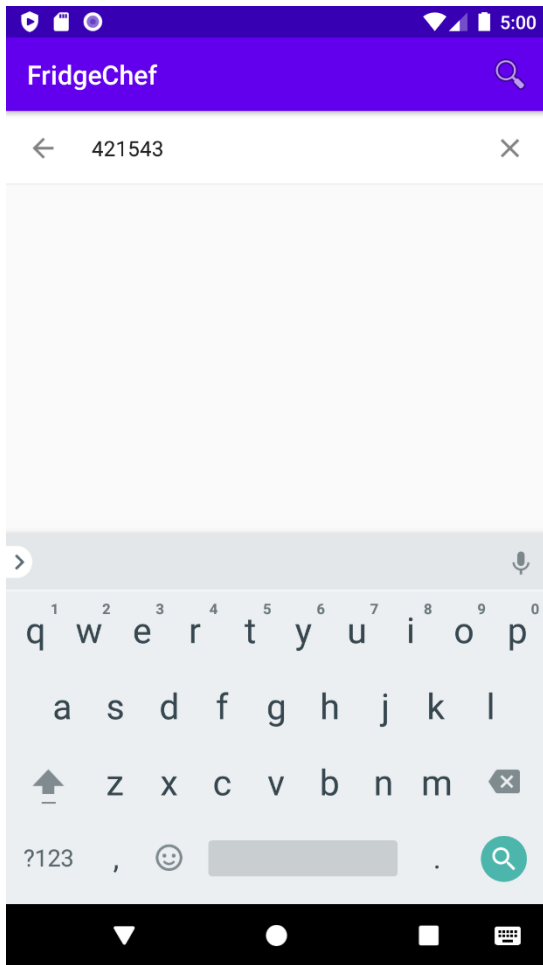
Test Number 3



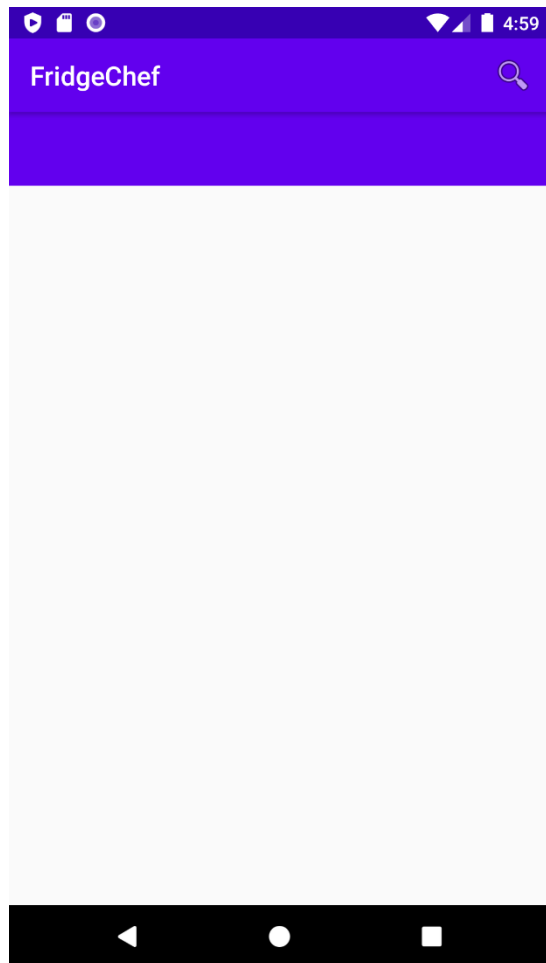
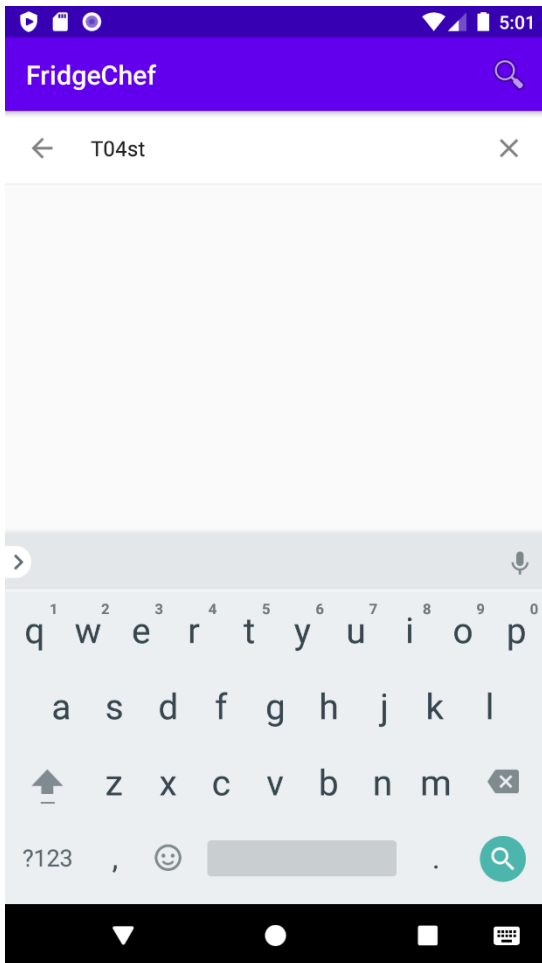
Test Number 4



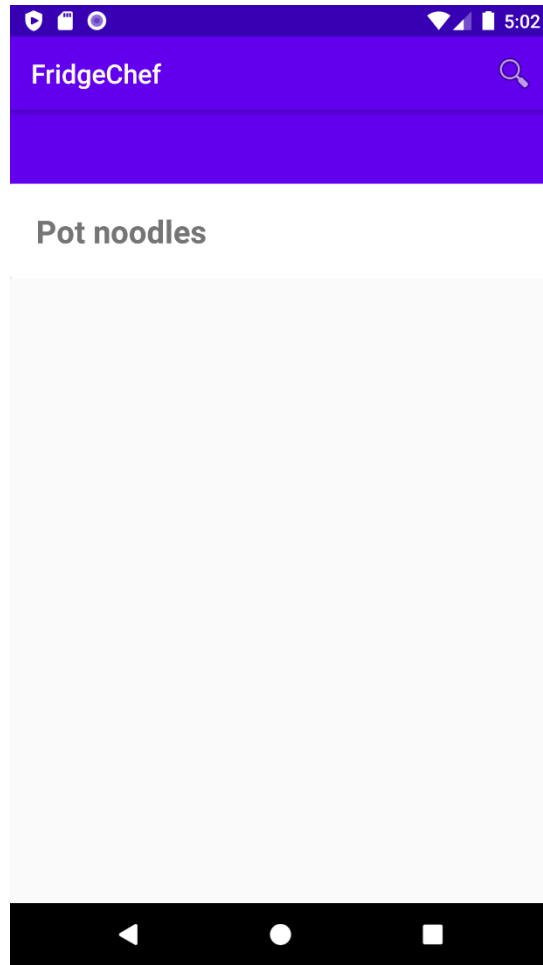
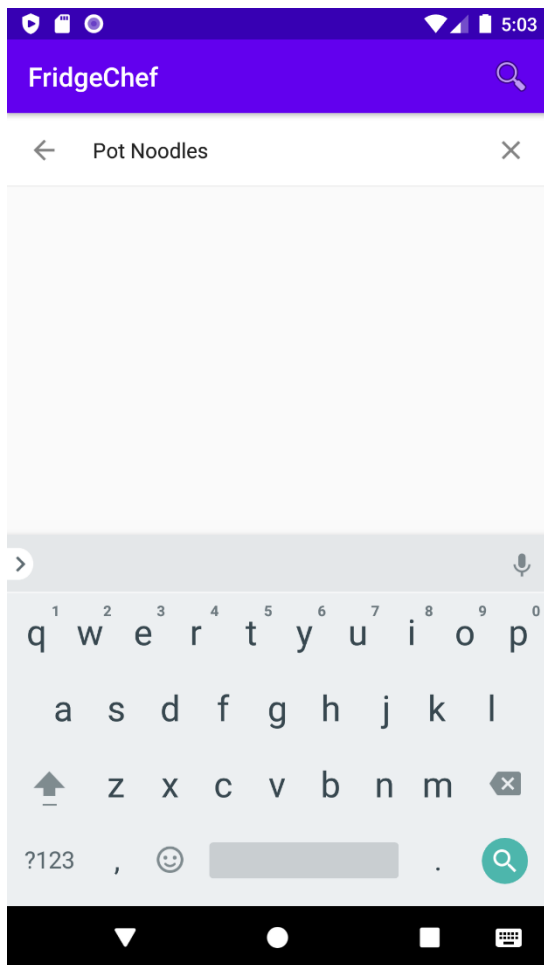
Test Number 5



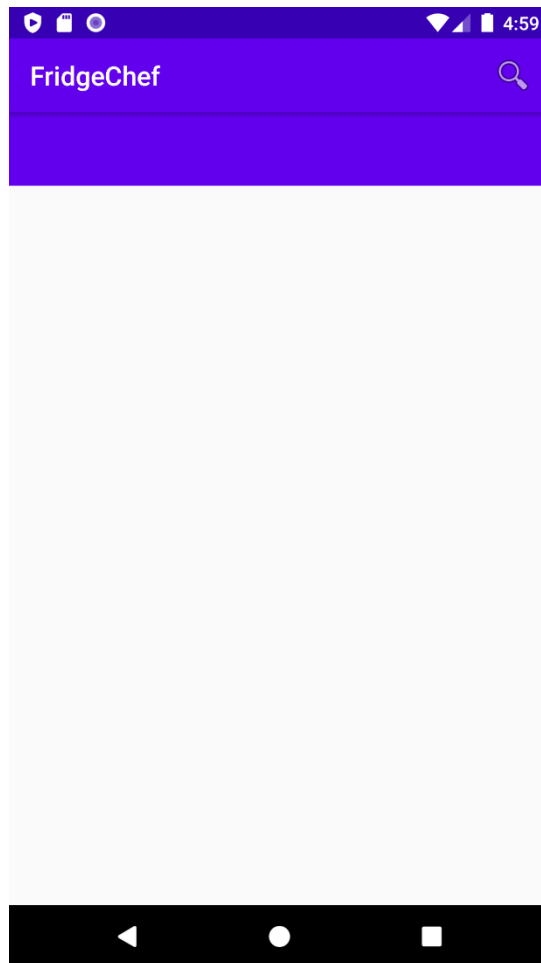
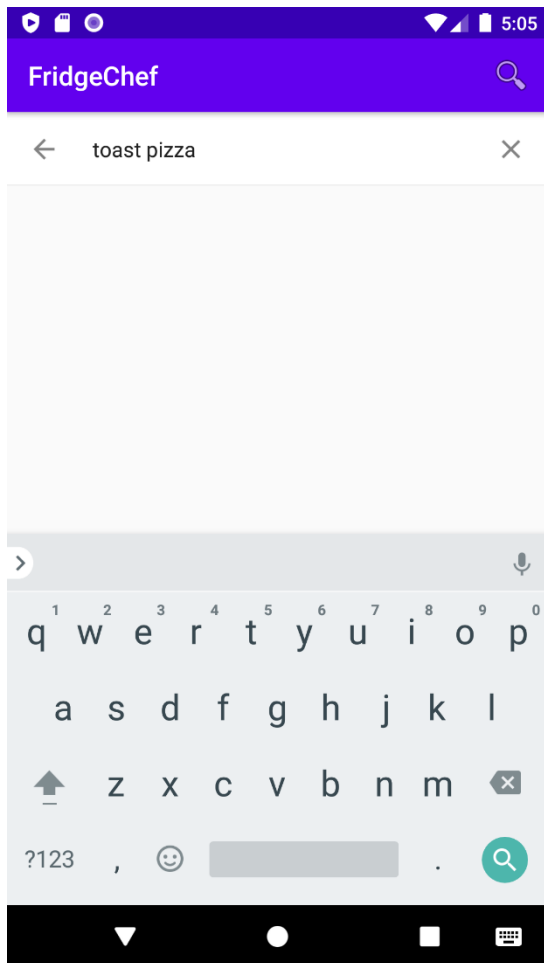
Test Number 6



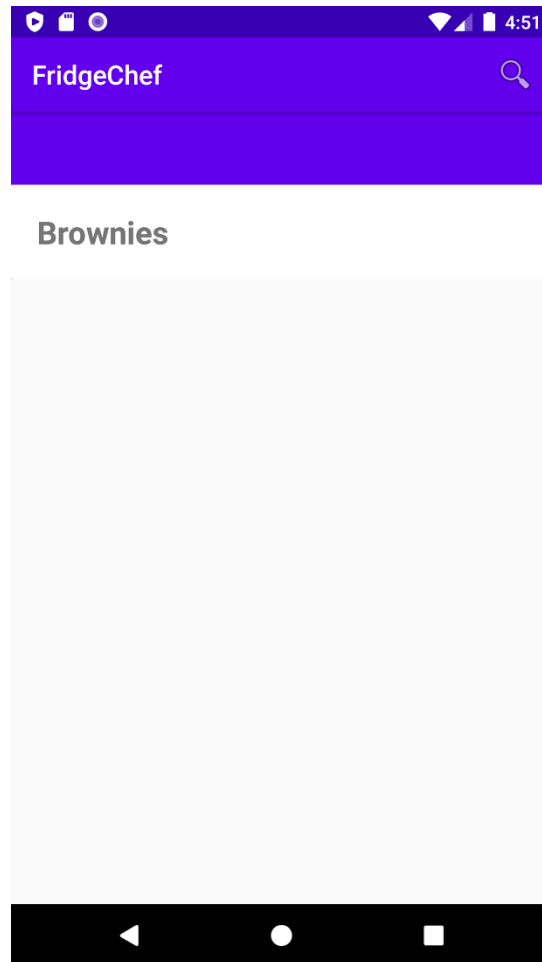
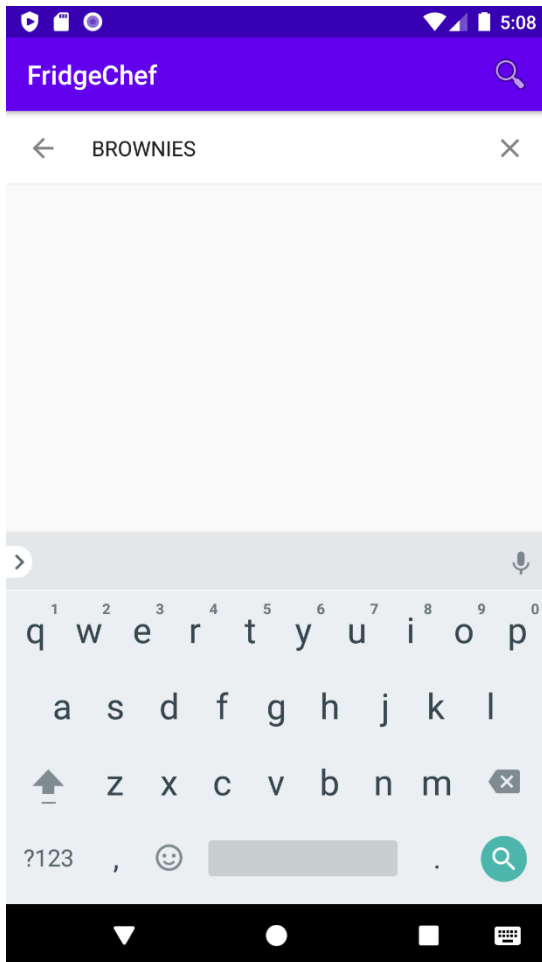
Test Number 7



Test Number 8



Test Number 9



Test Number 10

