Scran

"Helping you choose the dish you didn't know you wanted"

User Manual

Administrator

Table of Contents

1. Getting Started

Hello, and welcome to Scran!

Overview

Scran is a user-oriented application that aids in the decision-making process when deciding a restaurant to eat at, and more specifically a dish to eat at that restaurant.

What It Does

Using the Scran app, you will be able to specify your preferences at that moment, and receive a list of possible dishes that would satisfy your requests. You can narrow down the search based on the course of dish, cuisine of dish, any dietary requirements (i.e. gluten free), some other requirements (i.e. low salt) and the restaurant's distance from your current location. You can also use the search bar to search for a specific restaurant, or specific dish to see what restaurants serve it. Once you have had a dish, you can use the traffic light rating system (please see Section 9.1 – Traffic Light Rating System for more information on this) to say whether you 'loved', 'liked' or 'disliked' it, and based on dishes you have 'loved' and 'liked' your future preferences will be filtered accordingly.

Target Audience

Scran is aimed at users aged 16+, and who own a smart-phone/ device such as a tablet.

Scran is also aimed to be used by restaurants to feature their dishes, so that users of the app can rate them, and the restaurant can gain more information about whether customers liked or disliked their dish.
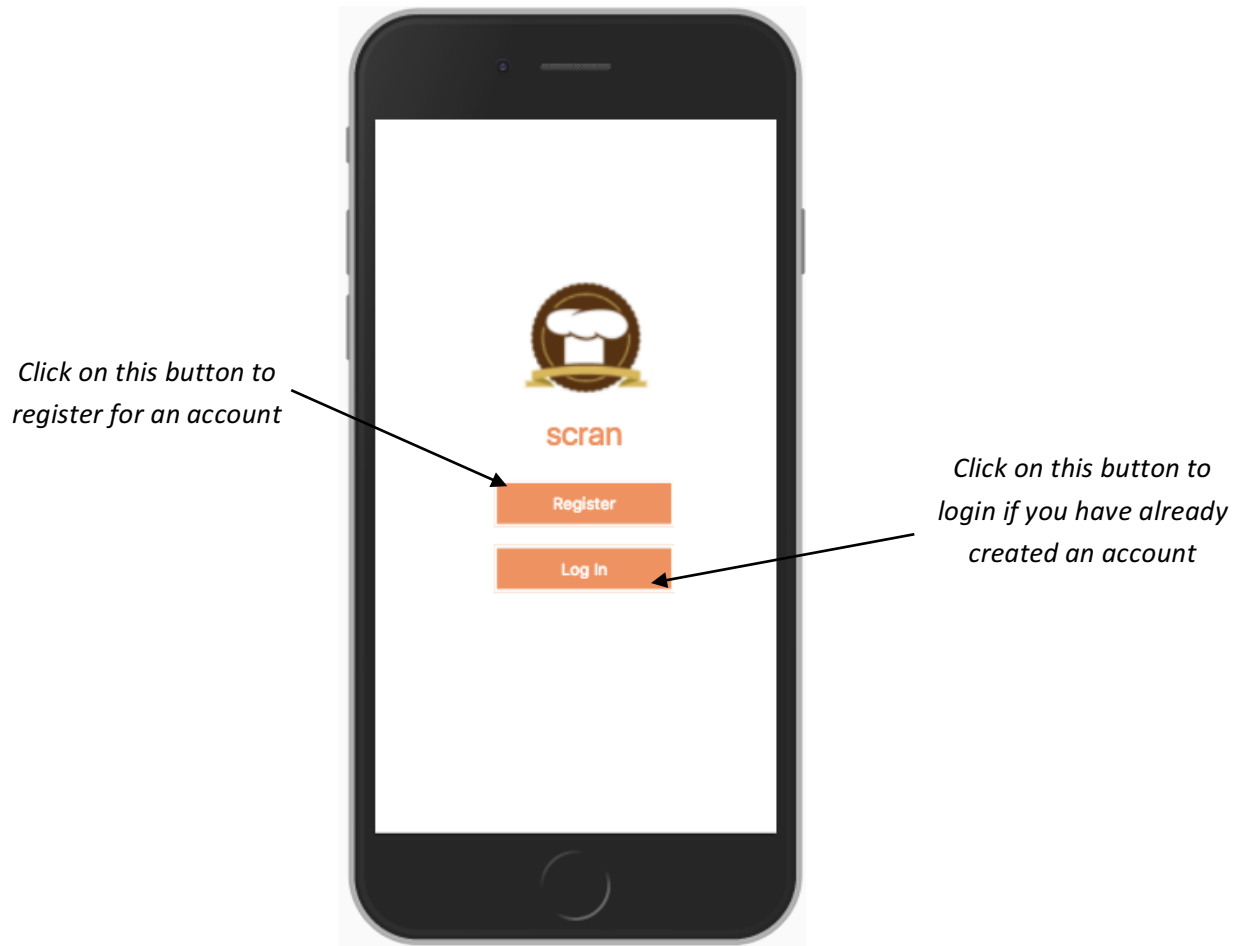
Hardware Requirements

Scran is currently only available for Android devices, therefore to use the app you would need an Android device.

How to Install

Firstly, your Android device will need to be set up before being able to download apps from non-Google sources. This can be done by going to the security settings and allowing installation of apps from unknown sources ('Unknown Sources'). After changing this setting and downloading the application file (Scran.apk), you want to select the .apk file from your downloads which will bring up the Android install menu. Here you will press the 'install' button and wait for Scran to be installed to your device.

The first screen you see when opening the app should look something like this:

Click on this button to register for an account

Click on this button to login if you have already created an account

2. Registering for an Account

2.1 Your Own Account

As an administrator, your account has already been registered by another administrator, as you are not able to register to become an administrator yourself. *Please contact the administrator who registered you regarding your username and password.*

2.2 Another Administrator's Account

As a newly registered administrator, you can register other administrators in the following way:
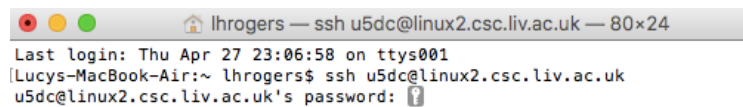
Open the terminal/ command line
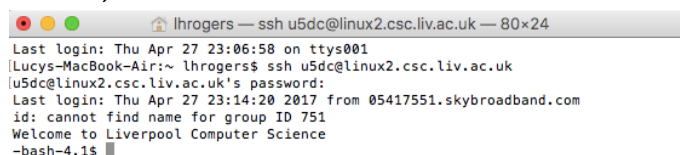

Enter the following command: **ssh u5dc@linux2.csc.liv.ac.uk**
        Once this has been entered, you will be prompted to enter the password which is: **12-abcd-34**
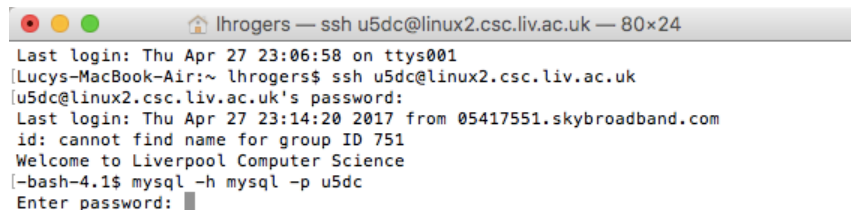

Once this has been entered, the terminal should look like this:
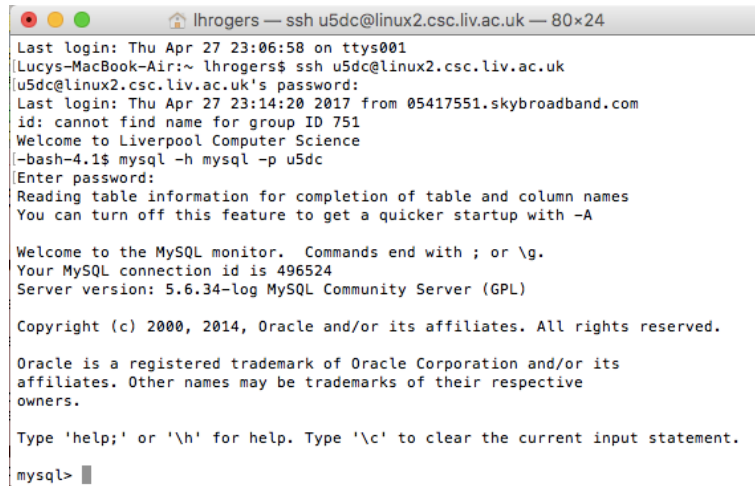
Enter the following command: **mysql –h mysql –p u5dc**

You will again be prompted to enter a password, which is the same as above: **12-abcd-34**

Once this has been entered, the terminal should look like this:

You are now logged on to the database.

Enter the following command to add a new administrator account:

INSERT INTO User(userID, userType, username, password, emailAddress, karma, adminComments) VALUES (0, '$type', '$name', '$password', '$email@address', '$karma', '$comments');

Where you should replace:

$type with Admin

$name with the username you want to use

$password with the password you want to use

$email@address with the email address you want to use

$karma with their starting karma rating (this should usually be 0)

$comments with any comments you want to make

If you enter the command: **SELECT * FROM User;** *you will see a table containing all currently registered users, and your newly added admin should be listed here.*

3. Logging In to an Account

If you have already registered for an account with Scran, and are simply logging in to that account, you should have selected the "Log In" button on the first screen.

Please note: If you have not registered for an account, you will need to do this before proceeding. Please go back to Section 2 – Registering for an Account for help with registering.

As an administrator, you can still use the same log in portal as general users. The differences between the accounts will be evident once logged in.

The screen should look something like this:

Enter your details here

Click this button when you are ready to log in

Click this button to go back to the previous screen (See Section 1)
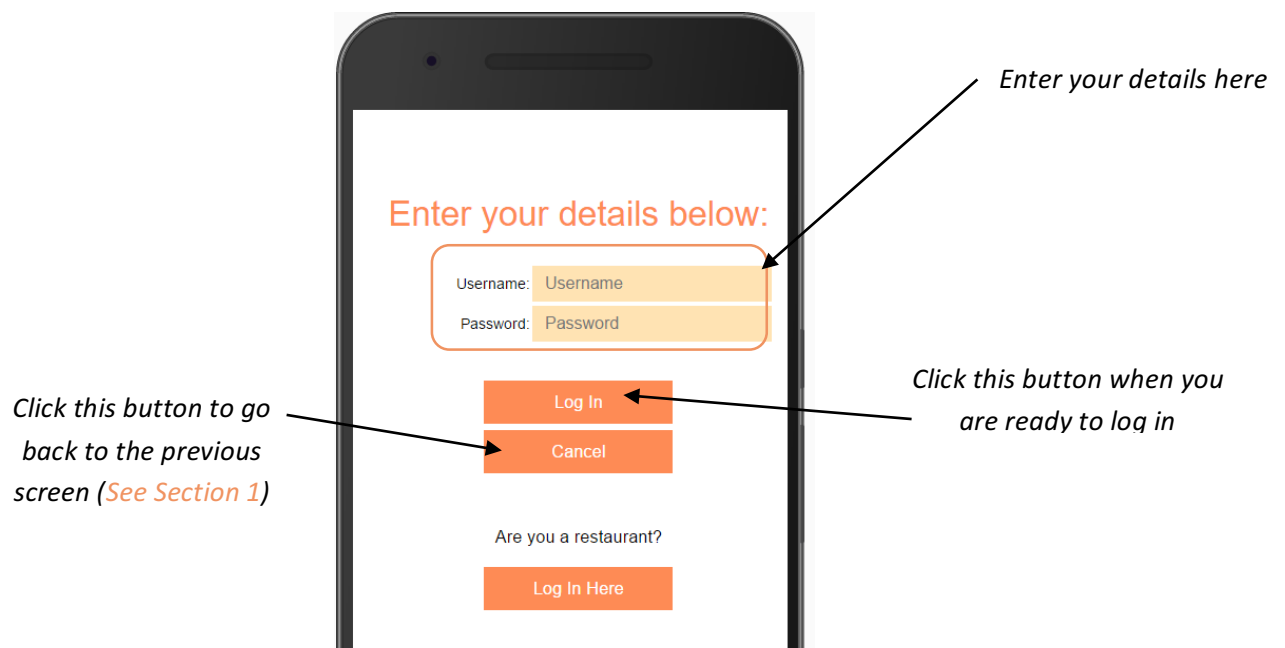
4. Navigation Bar

The navigation bar runs across the bottom of the app screen and looks like this:
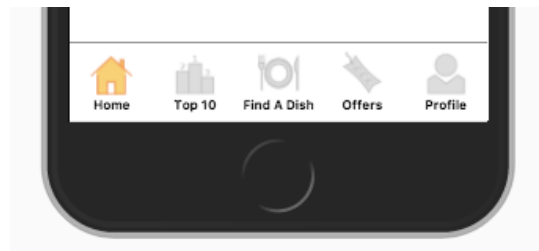
There are five icons, each of which corresponds to a different page of the app. The icons are grey when inactive (when you are not on that page) and orange when active (when you are on that page). For example, in the image above you are currently on the Homepage as that icon is orange and all other icons are grey.

The name of the page the icon represents is given below it. The five pages are: Home, Top 10, Find A Dish, Offers and Profile. To find out more about what is contained on each page of the app, please see Section 6 – Pages of the App.

To navigate between pages simply click the icon of the page you want to go to.

5. Pull-Out Drawer

To access the pull-out drawer, simply click the 'Burger Menu Icon' (three white lines) in the top left of the screen.
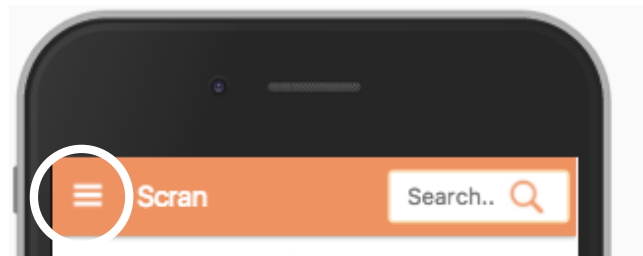
Once clicked, the pull-out drawer should look something like this:

Here you should see your username

Click this option to edit information on your profile page

Please see Section 5.1 for more information on editing your profile

Click this option to view any flagged comments

See Section 5.2 for more information on the flagged comments

Click this option to add a new offer

See Section 5.4 for more information on adding a new offer

Click this option to add a new restaurant

Please see Section 5.3 for more information on adding a new restaurant

Click this option to send feedback to the app developers

See Section 5.5 for more information on sending feedback

Click this option to view the help available

See Section 5.6 for more information on the help available

Click this option to log out of your account

To get back to the normal app screen, with the navigation bar across the bottom, simply click anywhere in the grey area to the right of the pull-out drawer.

5.1 Edit Your Profile

You can edit the 'My favourites' of your profile page to be whatever you choose. When you have clicked on either the 'Edit Your Profile' button in the pull-out drawer *(please see Section 5 – Pull-Out Drawer for more information on the pull-out drawer),* or on the pencil icon on the profile page *(please see Section 6.4 – Profile Page for more information on the profile page)*, the screen should look like this:

This section shows your user information

Please note: this is NOT editable
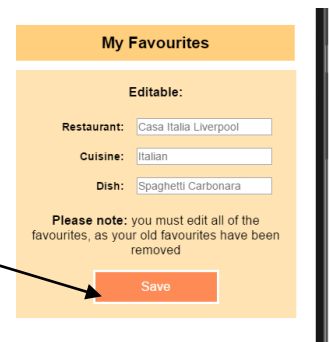
This section shows your favourites, which are editable

Please note: you need to make an edit to each of the fields as your previous favourites will be removed; i.e. you cannot simply update the restaurant, you need to update all 3.

The full 'My Favourites' section looks like this:

(You need to scroll to see the full section)

Click this button when you have finished editing your favourites

5.2 Flagged Comments

Flagged comments are comments that have been marked by a user as inappropriate, and need to be reviewed to either approve them or remove them from the app.

When there are no flagged comments to review, the page looks like this:
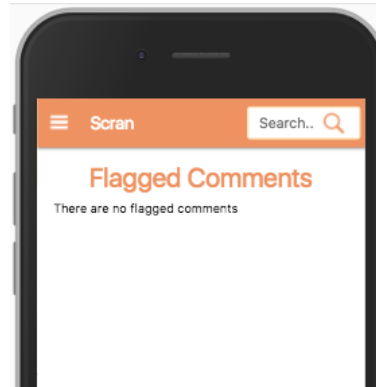
When there are flagged comments to review, the page looks like this:

Each box is a separate comment that has been flagged

The username and comment are given on the left
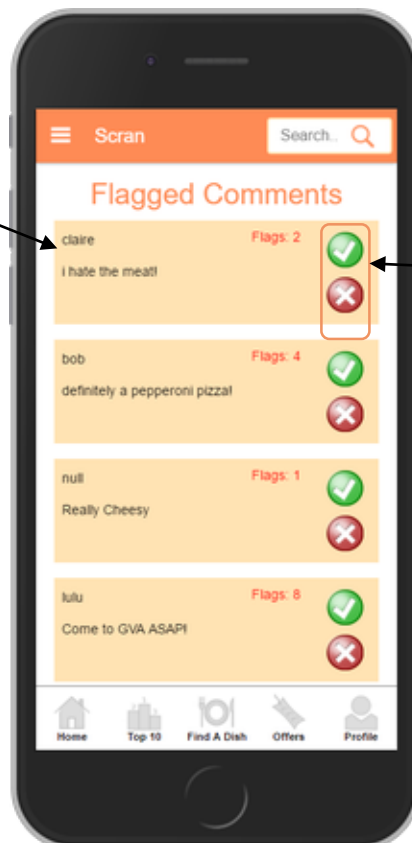
Click the red cross to remove the comment from the app

Click the green tick to approve the comment (leave it on the app)

5.3 Add New Restaurant

This page is used when you want to add a new restaurant to be featured on the app. This will create a restaurant page for the restaurant (*for more information on the restaurant page, please see Section 8 – The Restaurant Page*), however the restaurant will not be verified until the restaurant themselves sign up for the app.

Enter the restaurant information in the relevant fields

Click this button when you have finished entering the information, and want to add the restaurant

Click this button to cancel and go back to the previous page you were on
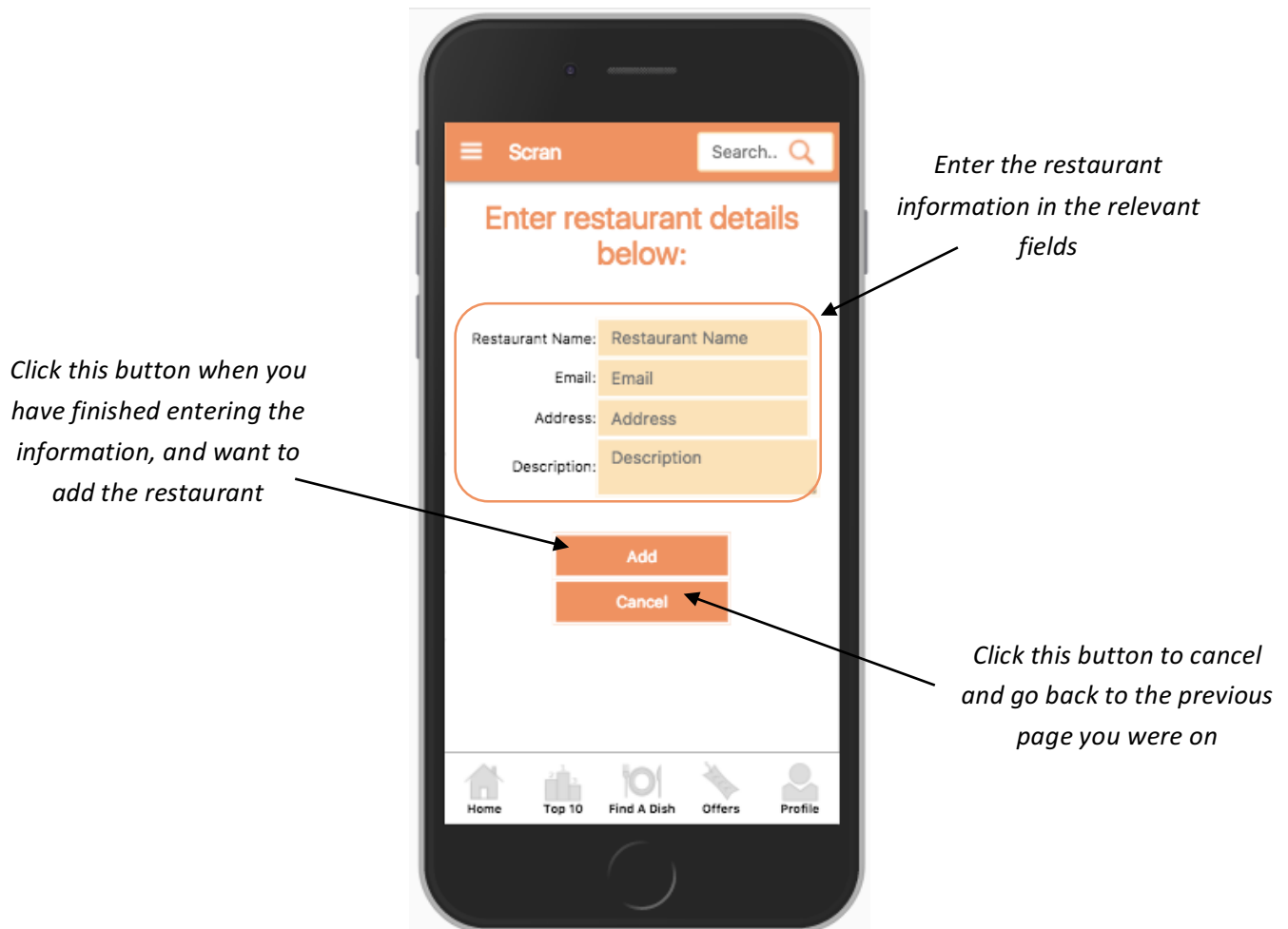
5.4 Add New Offer

This page is used when you want to add a new offer to the app that will be featured on the offers page (*for more information on the offers page, please see Section 6.4 – Offers Page*).

Enter the offer information in the relevant fields

Click this button when you have finished entering the information, and want to add the offer

Click this button to cancel and go back to the previous page you were on

5. 5 Sending Feedback

The 'Send Feedback' option, allows you to send an email to the app developers.

The email address you will be contacting is: **scran.food@gmail.com**

When you have clicked this option, depending on your device and how many email providers you have, you will either see a message like this one:
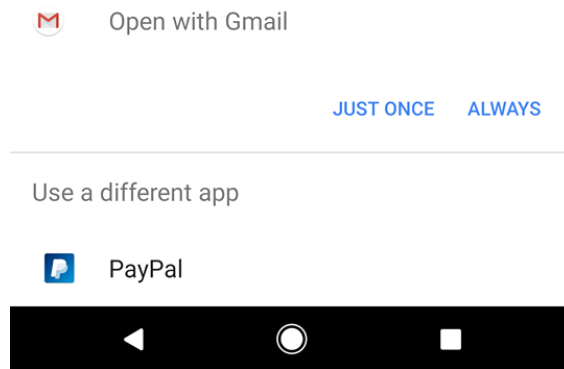
Or, you will be taken straight to your email, where the screen will look something like this:

Send your email when you have finished

Please note: on Gmail, the send button looks like this, but this may vary across email providers

Enter the information you want to send to the app developers as feedback in the relevant sections

5.6 Help Option

When you click this option, the user manual will be loaded for you to look at any section you need help with. The manual that will be loaded depends on the type of user, so for general app users the manual will be the one you are currently reading.

6. Pages of the App

The Scran app has five main pages which are Homepage, Top 10, Find A Dish, Offers and Profile.

Once logged in, the first screen you will see is the homepage. This is the default first page you will see; however, you can access the other pages of the app using the navigation bar across the bottom. *Please see Section 4 –Navigation Bar for more information about the navigation bar.*

6.1 Homepage

This is the first page you will see when you log in to the app.

This page contains 'Your Recommendations' which features your recommended dishes, based on the dishes you have rated as 'like' (orange) or 'love' (green). *For more information on our traffic light rating system, please see Section 9.1 – Traffic Light Rating System.*

The homepage will be individual to you, but generally should look something like:

Each of these boxes contains a recommended dish, based on your previous preferences (your reviews of dishes)

Recommendations are given in the form:

Dish name
Course
Cuisine
Restaurant it's served in

If you click on a dish you will be taken to that specific dish's page.

Please see Section 9 – The Dish Page for more information on what is on each dish's page

6.2 Top 10 Page

This page is used to show the current top 10 dishes out of all the dishes featured on the app. Dishes are ranked based on the number of people who have rated the dish as either 'like' (orange) or 'love' (green). For more information on our traffic light rating system, please see Section 9.1 – Traffic Light Rating System.

The Top 10 page looks something like this:

This is the current top dish

You can click on any of the dishes to be taken to that dish page and find out more information about it

Please go to Section 9 – The Dish Page for more information about what is on each dish page

Dishes are given in the format:

Dish name
Restaurant it's served at
Address of restaurant

This page will often change depending on the dishes that are highly voted by users.

Please note: this page does not show your personal top 10 dishes, or your top 10 recommendations, these dishes are simply the current top ranking dishes across all dishes featured on the app based on ratings from all users.

6.3 Find A Dish Page

This page serves the main purpose of the Scran app, finding a dish to suit your preferences. It features a selection of choices under different category headings which are: course, cuisine, dietary requirements, other requirements and distance from current location (miles). The first 4 categories feature checkboxes (you can choose as many items from the same category as you want) but the final category (distance) features radio buttons, so you may only select one option.

When you click on an option, that box changes colour to show it has been selected, for example:
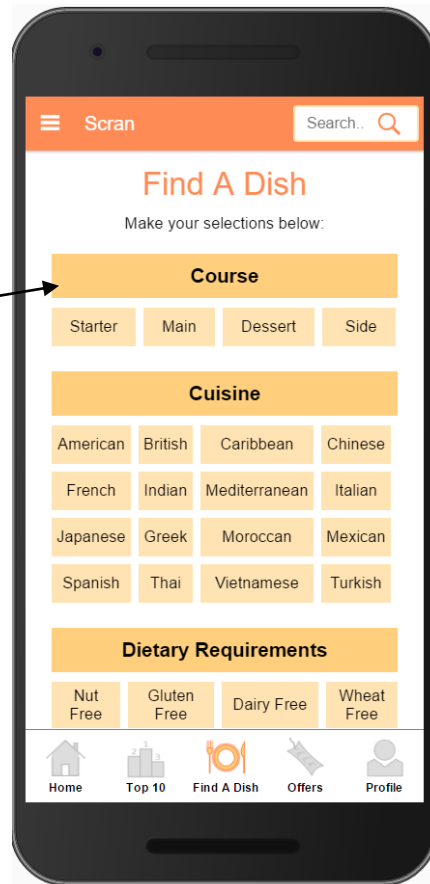
When you have finished making your selections, simply click on the 'Find A Dish' button at the bottom of the screen. The button should look like this:

Please note*: you do not have to make a choice from each category, you can simply choose to look for all 'Main' dishes and still press the 'Find A Dish' button.*

6.4 Offers Page

This page is used to show some offers and deals currently available from restaurants featured on the app.

The Offers page looks something like this:

When you click on an offer a pop-up will appear giving you more information about the offer. This could be terms & conditions, time restrictions, price restrictions etc.

For example, if you click on the offer from 'The Tavern Co', the pop-up looks like this:

Offers are given in the following format:

Restaurant name
Offer description
Restaurant address

This is the featured offer of the week
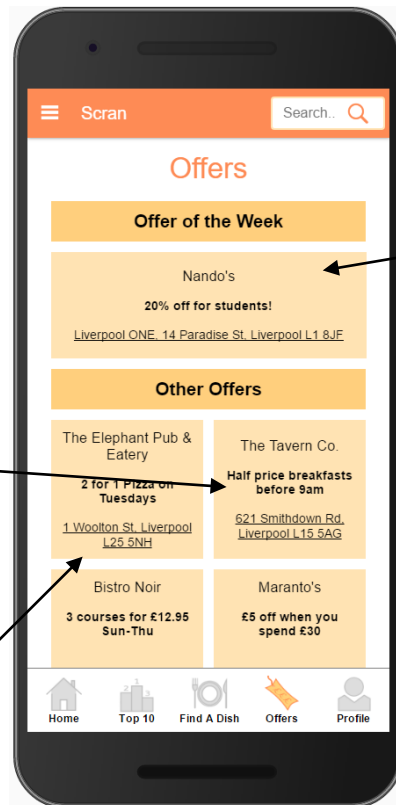
When you click on the address of a restaurant, this will be opened in Google Maps so you can view where the restaurant is. For example, if you click on the address of 'The Elephant Pub & Eatery', the screen should look like this:

You can add a new offer using the link in the pull-out drawer.

Please see Section 5.1 – Add New Offer for more information on adding a new offer
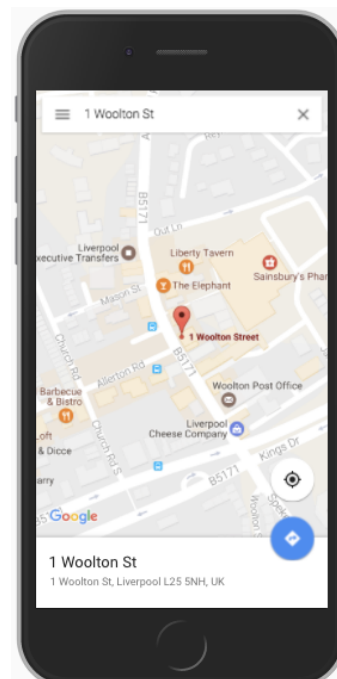
6.5 Profile Page

This is the page of the app that contains your individual information. It features your username and email, your favourites (this is editable) and your recent dishes.

The overall page looks something like this:

Here you should see your username user information

The 'recent dishes' section is updated regularly and features dishes you have recently had, regardless of their traffic light rating.

Please see Section 9.1 – Traffic Light Rating System for more information

The 'my favourites' section can be edited using the pull-out drawer under the 'edit your profile' section, or by clicking this icon

Please see Section 5 – Pull-Out Drawer for more information on the pull-out drawer

Please see Section 5.1 – Edit Profile for more information on editing the profile

Please note: if you change your rating/review on a dish this will be come your most recent dish, regardless of when it was initially reviewed

The full 'Recent Dishes' section looks like this:

Each of your recently reviewed dishes is in a separate box and if you click on it, you will be taken to the dish page for that specific dish.

Please see Section 9 – The Dish Page for more information on what is contained in the dish page
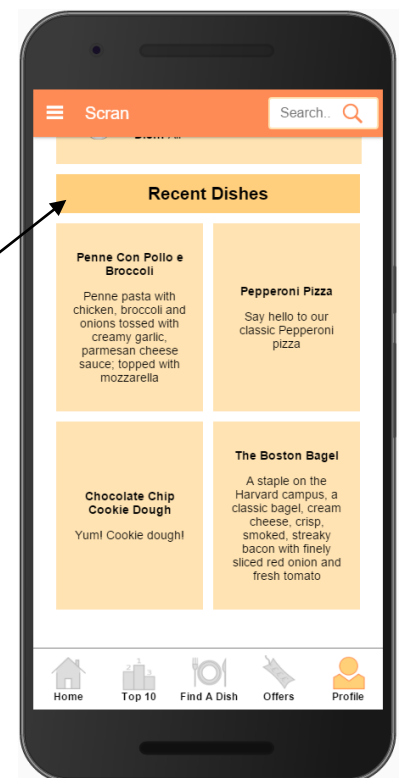
7. The Search Bar

The search bar can be found in the top right corner of the app screen and can be used to search for both restaurants and dishes.
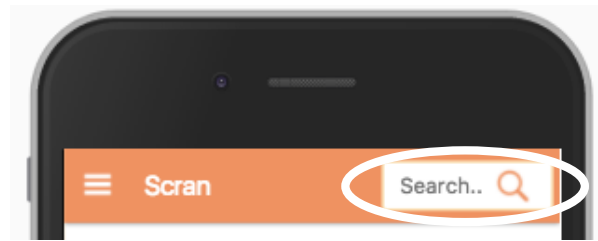
When you click in the bar, it expands like this:
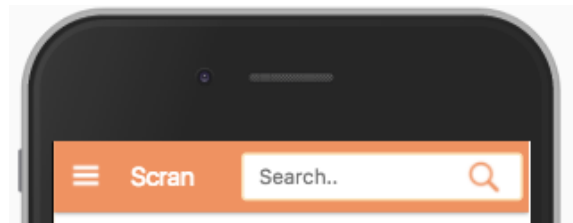
To type in the search bar, you use the keyboard at the bottom of your screen. It should appear when you click on the search bar, and should look like this:
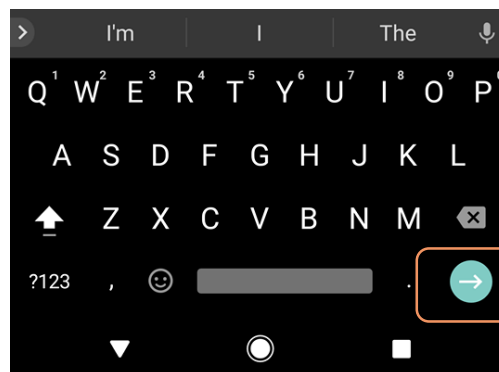
Simply click this button when you have finished typing

8. The Restaurant Page

Each restaurant featured on the Scran app has its own page. These can be searched for using the search bar (please see Section 7 – The Search Bar for more information about the search bar).

Each restaurant page is individual to the restaurant it is about, however the general format looks like this:

Here is the name of the restaurant

Click on the restaurant's address to view the restaurant in Google Maps

*Please see Section 6.4 – Offers Page to see what the screen should look like once the address has been clicked*

This is the menu of dishes served at the restaurant, split into the sections 'Starters', 'Mains', 'Desserts' and 'Sides' – simply click on the relevant header to see the dishes for that section

If you click on any of the dishes featured on the menu, you will be taken to that specific dish page.

Please see Section 9 – The Dish Page for more information on what is contained on each dish's page

Here is more information about the restaurant which includes its description, address and email address

Click on this button to see the restaurant's description

When clicked, the description appears in a pop-up like this:

Split-level, exposed brick-walled space hung with Americana, for Mexican and Cajun grill dishes.

Click this button to add a dish to this restaurant's menu

Please see Section 8.1 - Add A Dish for more information

8.2 Add A Dish

This page is used for when you want to add a dish to a restaurant's menu. The dish you add will be added to the menu of the restaurant whose page you were on when you clicked the "Add Dish" button.

The screen should look like this:

Enter the dish details in the relevant fields

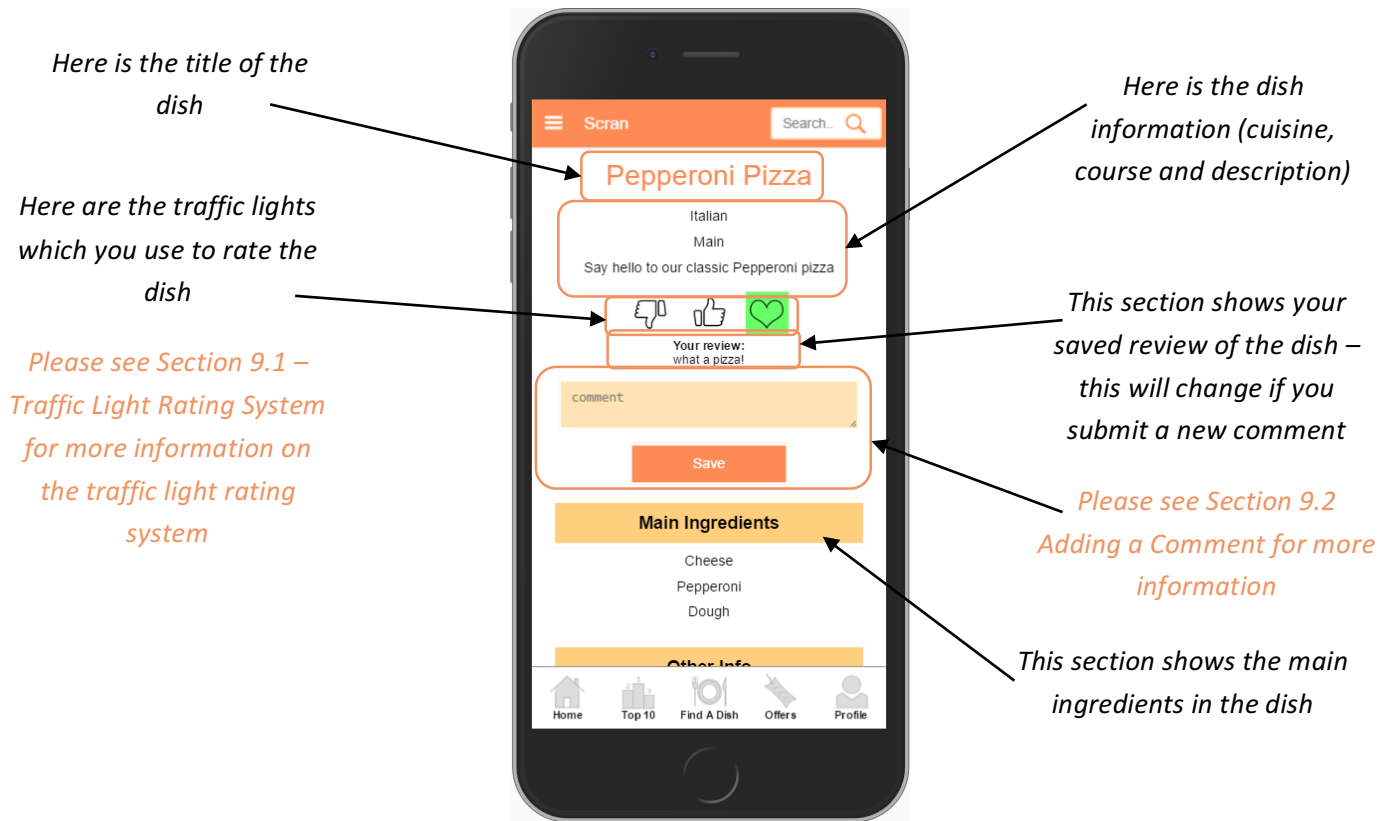*At the bottom of this page you will find the following buttons:*

Select 'Add' when you have finished entering the details for the dish and want to add it to the menu

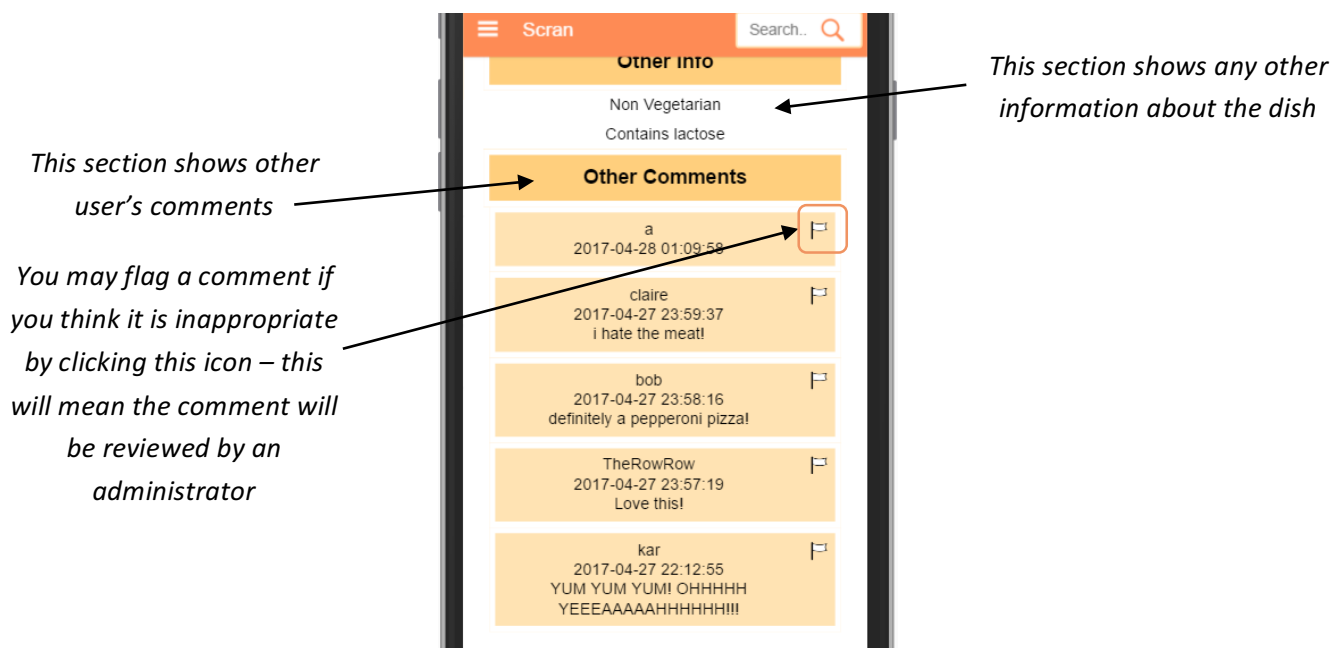*Select 'Cancel' to go back to the page you were previously on*

9. The Dish Page

Each dish featured on the Scran app has its own page. These can be searched for using the search bar (please see Section 7 – The Search Bar for more information about the search bar).

Each dish page is individual to the dish it is about, however the general format looks like this:

Here is the title of the dish

Here are the traffic lights which you use to rate the dish

Please see Section 9.1 – Traffic Light Rating System for more information on the traffic light rating system

Here is the dish information (cuisine, course and description)

This section shows your saved review of the dish – this will change if you submit a new comment

Please see Section 9.2 Adding a Comment for more information

This section shows the main ingredients in the dish

There is more content on the dish page if you scroll down. This can be done by swiping your finger upwards on the screen.

This section shows other user's comments

You may flag a comment if you think it is inappropriate by clicking this icon – this will mean the comment will be reviewed by an administrator

This section shows any other information about the dish

9.1 Traffic Light Rating System

Scran uses a traffic light rating system to say whether you loved, liked or disliked a dish. On each dish page, you will see the following icons:
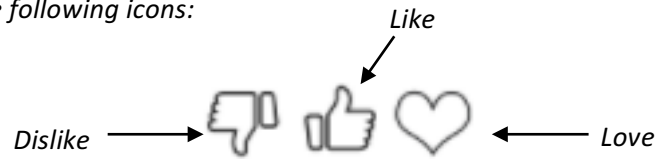
The icons are radio buttons, which means you can only select one of them. When you click on the icon you want to choose, it will turn the relevant colour to show that it has been selected. When selected, the icons will look like this:

The traffic lights are used to recommend similar dishes to you, as dishes that contain similar ingredients to the dishes you have 'liked' or 'loved' will appear as suggestions of potential dishes you may like. The more 'likes' and 'loves' a dish has, the more it is featured on the app and the more potential it has of becoming one of the 'Top 10' dishes, featured on the top 10 page. *For more information about the top 10 page, please see Section 6.2 – Top 10 Page.*

9.2 Adding A Comment

As well as being able to leave a traffic light review of a dish, you can also leave a comment on it. The comment box is located below the traffic lights on the dish page, (*please see Section 9 – The Dish Page for a screen shot of the page*), and to submit your comment and traffic light choice you simply press the 'Save' button. This can also be edited at any time; simply press the 'Save' button again when you have finished editing.

10. Database

To complete any of the following tasks, you first needed to be logged on to the database (see Section 2.2 – Another Administrator's Account for help with logging on to the database). You should be able to see this in the terminal:

10.1 How to View Tables

To view a table in the database, you need to enter a command of the form:

SELECT * FROM (tableName);

where (tableName) should be replaced with the name of the table you want to view. For example,

*SELECT *FROM User; would display the user table.*

10.2 How to Insert Records

To insert a record into the database, you need to enter a command of the form:

INSERT INTO (tableName) (column1Name, column2Name, column3Name…)   VALUES ('value1', 'value2', 'value3'…);

where (tableName) should be replaced with the name of the table you want to view, inside the first brackets should be replaced with the column names of the table, and inside the second brackets should be replaced with the values you want to enter. For example,

INSERT INTO User(userID, userType, username, password, emailAddress, karma, adminComments) VALUES ('0', 'User', 'Lucy', 'password1', 'lucy@gmail.com', '0', 'NONE');

10.3 How to Update Records

To update a record in the database, you need to enter a command of the form:

UPDATE (tableName) SET (attribute)=(value) WHERE (condition);

where (tableName) should be replaced with the name of the table you want to view, (attribute) should be replaced with the column name of the value that will be updated, (value) should be replaced with the new value you want to be contained in the database, and (condition) should be replaced with the condition under which this would happen. For example,

UPDATE Dish SET restID=5 WHERE dishID=60;

10.4 How to Delete Records

To delete records in the database, you need to enter a command of the form:

DELETE FROM (tableName) WHERE (condition);

where (tableName) should be replaces with the name of the table you want to view, and (condition) should be replaced with the condition under which this would happen. For example,

DELETE FROM Dish WHERE dishID=77;

11. How to Quit

To exit from the app and log out, the navigation drawer firstly needs to be opened by pressing the menu icon (three lines) in the top left of the screen. Once the navigation drawer is open, press 'Log Out' at the bottom of these selections. Once pressed, you will be logged out of the app and the app can be closed via the Android back or home button.