User Stories

Example (Epic title goes here)

Story ID	Story	Requirements	Tests	Estimate value, risk and time. (Value always estimated first)
# of story	Author: (Your name here) The story we are attempting to complete. This will be a subsection of one of the epics. The epics include Server side, XML Presentation and user interaction. The story itself can be broken down into tasks if the task alone holds no value. **(Who does what and why)**	Points of the requirements the story represents	A list of the tests that can be run to ensure the story fulfils the requirements. -> Broken down into actual things that need to happen i.e: user fills in login data on the client this data is saved password is hashed and email saved as string data sent to server to clarify user user sent a message declining login if incorrect details, user sent user profile if details are correct	**Value:** (score between 1 and 100 for the amount of value this feature brings to the design) **Risk:** (value between 1 and 100 for this feature to go over time and be difficult to implement) **Time:** (hours - mean guess of everyone's time estimate) **These three items will be voted on by all team members in meetings. However, when the story is initially made, the author will give an initial estimate of risk and value.**

Server Side

Story ID	Story	Requirements	Tests	Estimates
A1 Relies on C33 being implemented	Author: James Pearson, Joe Butler As a user I should be able to register an account for the app upon opening for the first time and then retrieve my new associated user profile information from the servers Firebase authentication system	Include a secure login email and password entry field Should successfully authenticate and retrieve an instance of the users account from the servers Firebase services including the users chosen unique 'userID' and identifier Must send a confirmation email to the users email to prevent spam accounts being created Has to show a prompt to the user if the inputted email or password is not a valid or acceptable value or if an account with the current inputted email already exists Multiple accounts must be able to be created	Simulate creating a new account from the app client, observing changes to the servers Firebase admin portal to see if a new user account is displayed at the correct time and date with the correct UID and associated username. Verify that upon closing and re-opening the app the associated user profile is still retrieved unless the user has logged out since Simulate the creation of multiple user accounts and compare the validity of the accounts UIDs, date of creation and unique identifiers Check that upon a user creating an account a confirmation email is successfully sent and only upon accepting this email are there associated UID and identifier added to the server. Verify that a prompt is displayed upon an invalid email/password entry or if the email is already registered within Firebase.	Value:100 Risk:30 Time:1.5

A2	Author: Joe Butler	Add an email and password login field and login button for when a user account cannot already be retrieved	Simulate logging into a user account and check that upon login the correct date and time of login are displayed within Firebase. Then simulate again for multiple accounts.	Value:100
Relies on C33 being implement ed	As a user I should be able to login to my account upon app launch or log out whilst using the app from the user profile section, either retrieving or removing a reference to an instance of my accounts information from the servers Firebase authentication system	A logout button visible prominently within the app	Simulate logging out of an account from a UI button press whilst currently logged in to ensure that the app UI screen is redirected back to the login page.	Risk:95
		Upon login Successfully authenticate and retrieve an instance of the users account from the servers Firebase services including the users chosen unique 'userID' and identifier	Test that a boolean variable within the app client is changed from true to false for the value 'logged in' when the user logs out or false to true when a user logs in and log this to the console to check the current state. This value should be determined from a reference to the users current state from the server and not implemented client side only.	Time: 1.5
		Upon logout successfully disassociate the apps client with the previous user accounts data		
		Show a prompt to the user if the inputted email or password is not a valid or acceptable value	Test that upon a user logging out they are then able to log back in using the same email and password combination	
		Check login/logout attempts are valid for multiple, different user accounts both free or paid subscriptions	Test using a combination of 2 valid accounts that when account 1 logs out and account 2 logs in any of the data from account 1 isn't being displayed instead.	
			Verify that a prompt is displayed to the user upon an invalid email/password entry	

A3 Relies on C33 being implemented	Author: James Pearson, Joe Butler as a user I should be able to change my password from the user profile page to be checked and updated from the servers Firebase authentication system	Include an email input text field and password reset button within the user profile page Send a confirmation email to the user (if it is linked to a valid, existing account) to reset their password Prompt the user when their password has been successfully reset or send an equivalent email	Simulate changing a user's password within the app by sending to a valid email that already has an associated user profile. Check that upon logout > login the password changes promptly. Should test with multiple accounts. Simulate sending a password reset request to a valid email address that isn't registered with firebase to test if a password reset email is still sent Verify the successful password reset prompt is displayed to the user either in app or through an email	Value:96 Risk:30 Time: 2
A4 Relies on C33 being implemented	Author: James Pearson, Joe Butler As a team member I should be able to retrieve basic user information for a user from the server (excluding email and password info)	Ensure the users email and password are not returned and displayed on the users profile or anywhere else throughout the app Display basic information associated with the account such as the users associated username	Simulate retrieving user profiles Test all implemented associated profile XML or Firebase information is returned and displayed to the user, with the exception of the users email and password	Value:97 Risk:23 Time: 1
A5 Relies on C33 being implemented	Author : James Pearson, Joe Butler As a user I should be able to delete all associated user info from the server immediately in the event I wish to remove all personal data	Has to completely remove all stored user info from the server Must send a confirmation to the user that the account has been deleted	Simulate account deletion request from the user and check if all the appropriate XML/Firebase info is deleted from the server Generate tests that ensure all associated data relating to the account has been removed from the server and the app client side. The only exception to this rule are recipes that the user has created which will remain on the database. Instead the reference to the user from the	Value:100 Risk:55 Time:2

			recipe will be removed. Verify client sends an "Account successfully deleted" message promptly to the user only when sufficient checks have been tested and ran to ensure the data has been removed from both the server and the client Verify through the Firebase admin panel that upon account deleting an account the associated userID and unique identifier for the account are removed promptly	
A6 Relies on C33 being implemented	Author: James Pearson, Joe Butler As a user I should be able to receive notifications from the server to my device about interesting or relevant recipes when appropriate	Check that the user has enabled notifications Set a minimum time period between notifications being sent to prevent spamming the user Make sure the recipe notifications being sent are relevant to the user	Simulate retrieving a notification from the server and displaying it to the users device Test that the notification is retrieved correctly and is of a valid recipe Implement cloud functions for sending notifications to individual users Produce a small survey or log general opinions over time for all existing team members who are testing the app with notifications enabled, if the notifications received are relevant to their experience.	Value: 36 Risk: 95 Time: 10
A7 Relies on C33 being implemented	Author: Jun Ma, Joe Butler As a user I should be able to choose if I should receive notifications for interesting or relevant recipes from the user profile page	Include options in the user profile panel to enable/disable notifications	Simulate sending the notification to the users device and check that the notification is received or isn't received based on the users preferences Verify that when the user enables/disables notifications the appropriate XML server entry	Value: 45 Risk:35 Time:1

			is changed from "Enabled" to "Disabled" or vice versa	
A8	Author: James Pearson, Joe Butler As a user I should receive Chef Stars based upon ratings given on my submitted recipes from other user accounts	Chef Stars displayed under user profile for each submitted recipe Implement an averaging system for when multiple users rate a recipe Prevent the same user from rating a recipe twice Allow a means of communicating through a server network using XML to update the targets device chefs stars from an accumulated average of multiple user accounts ratings	Simulate multiple devices & therefore users rating a single user account to observe its effect on the chef star rating. The effects should fit the result of the simulated averaging algorithm Test the averaging algorithm used to rate users' recipes. The algorithm should: - Accept an integer rating value between 0 - 5 - Return an average of the rating and convert this to a number which is a multiple of 0.5. Representing ½ a Chef star.	Value: 50 Risk: 59 Time: 3
A9 Relies on C33 being implemented	Author: Becky, Joe Butler As a user i want to upgrade the application to receive extra benefits (remove ads, extra features…) through a secure payment wall or through a rewards scheme	No payment or banking information should be stored within app, ever Users should be made aware of monthly billing cycles if appropriate or if the payment is a single transaction The ability to upgrade and pay a small amount of money to enjoy the extra features that come with the upgraded package	Check that once a user has paid, this is saved with a date for which they have saved until Ensure all extra features are only available to users that have a date for gold membership in the future Ensure that all new free users have a date set from the moment they make the account for gold membership Use: Test Google Play Billing to test paying	Value: 95 Risk: 60 Time: 4

		Payment must be secure and handled through outside providers such as Visa debit, Apple pay, Google pay, Paypal or through one of Firebases secure payment systems The ability to view what features are available before purchase is made Additional benefits should not conflict with the basic functionality of the app and should instead be an addition to what currently exists both in code and in terms of what is available to the user		
A10	Author: James C As a user, I receive badges attached to my profile through achievements gained in the application	Chef Badges automatically assigned once conditions are met by the user and when ratings for individual recipes are high Chef Badges are displayed under user profile Encourage people to engage with the application Give notifications to users when they receive new badges	Check there are set standards that once a user has met they automatically receive badges Make sure the badges appear in the user's profile and are available to see Ensure that all users receive the same badges for the same achievements	Value: 45 Risk: 55 Time: 3

A11 Relies on C33 being implemented	Author: Louis As a user, I want to be able to customise my profile so I decide i what other users can see when they view my profile through recipes and comments	Have the ability to hide parts of the user's profile to keep it private Have an on/off system where information is only public if on	ensure fluid flow through profile modification Check that any private information can only be seen by the user Check the user can still see all of their own information	Value: 80 Risk: 65 Time: 5
A12	Author: Louis As a user, I want to be able to create recipes and create each step as though I am creating a presentation that will be saved to presentation bank along with my personal profile so I can earn my chef stars and share my knowledge.	Have the ability to create and save recipes Be able to format the recipes and include pictures and examples This feature need to store recipes on user profiles but also be able for other users to see If recipes are highly rated it earns the user chef stars	Check that all functionality of creating a recipe works Ensure the recipe is saved to the server Ensure that others can view the recipe and add additional comments	Value: 90 Risk: 70 Time: 7
A13 Relies on C33 being implemented	Author: Becky As a user, I want to be able to track my eating habits on my profile. With the possibility of weight tracking and information regarding if I hit my goals for food groups. This is so I can use the app as a health app as well as food app.	Store data on users profile solely accessible to them. Be able to add updates and progress Have the ability to input data for weight tracking	check data can be inputted and stored privately Ensure data is saved and not lost and can show progress through the week	Value: 50 Risk: 75 Time: 6

| A14 | Author: James C
As a user, I want to see custom icons attached to ingredients when viewing a recipe | Store icons for types of ingredients in the server and display when called for each recipe (nothing overly specific) | Ensure the correct icon is attached to the correct ingredient

Make sure all ingredients have an icon | Value: 70

Risk: 20

Time: 1.5 |

XML Presentation

Story ID	Story	Requirements	Tests	Estimates
B1	Author: Louis As a user, I can enter the presentation from the meal info page to find out how to cook it	There needs to be information with this button that allows the user to find out about the presentation Within the meal information page there needs to be a button for the user to enter the cooking presentation for this meal The client needs to send a request to the server for the presentation which will then be sent back to the client from the server	Check that the correct information is displayed for meal presentation on the meal info page Ensure that the button triggers the function to request XML presentation begin Ensure function downloads the correct meal preparation presentation from the server to begin preparation Ensure this presentation is immediately entered with all relevant multimedia	Value: 90 Risk: 25 Time: 2
B2	Author: Louis As a user, I would like the presentation to be in single instruction format with the ability to go forward and backwards in steps so I can see what I need to do at each part of the meal preparation process	The presentation needs to have navigation buttons to traverse forwards and backwards through the presentation The presentation needs to have menus to exit and bring up other parts of the app if a user needs to, maintaining current slide in the presentation	Ensure that the presentation arrives and is split into designated step pages check buttons for slide navigation trigger events on the client side Ensure there is the full operational capability of the buttons to move forward and backwards in the presentation	Value: 95 Risk: 25 Time: 2.5

			Ensure each step loads into each page fully and displays correctly	
			Ensure current slide location is saved then navigating in and out of a presentation with access to return easily	
B3	Author: Louis As a user, I would like to have a key to see where I am in the meal making process and to jump to steps to ensure I prepare the meal correctly.	There needs to be a button where the user can see all steps on a single page in a calendar format This view needs to enable the user to jump to a particular page within the presentation	Ensure button to enter full navigation mode triggers the event on the client side ensure a new page is entered but the current slide number is still saved Ensure jumping to select slides maintains the integrity of the presentation and dissolves the previous route Ensure presentation can carry on as normal from new location	Value: 75 Risk: 25 Time:2.5
B4	Author: Louis As a user, I want to be able to enter the presentation for the meal I have selected for today in my plan so I can immediately start cooking when I am ready	There should be an easy access button from the home page that allows the user to immediately jump into the meal they have planned for today This button should give the user the ability to also choose one of the other meals they have planned in the current meal plan If meal process completes then the meal should be moved from the planned meals to the cooked meals	'lets cook' button is only available when a plan is set up if button available then the button triggers a meal preparation event if meal preparation event triggered a menu shows up for user to select one of their meals from the plan only meals within the plan show up in menu	Value: 76 Risk: 31 Time: 3

			menu buttons trigger meal selected presentation to be requested and sent from server if meal completed, meal taken from users to cook list to cooked list to trigger cooked meal events (i.e. storage and meal integrity dates)	
B5	Author: Becky As a user, I want to be able to see similar meals to the ones I have selected, with similar ingredients so I can plan my meals more efficiently and not have to buy lots of different types of ingredients	When selecting meals for meal plan, user should be prompted with other meals that use similar ingredients When looking for meals in the main list, each meal info page should have a list of similar meals that use similar ingredients Filter for other similar meals with select ingredients as searching for all isn't possible	'similar recipes' button at the bottom of every recipe this button brings up new menu populated with meals share ingredients with it Selecting on these similar meals takes you to the page of this meal Ensure all meals returned have at least one ingredient in common	Value: 69 Risk: 40 Time: 3.5
B6	Author: Louis As a user, I want to be able to save comments to an individual step of a recipe so I can give other users pointers through the cook	Within each step of the presentation there needs to be information about how many comments and tips users have left about each individual step THere needs to be a way to bring up the comments and tips if the user wants to see what other users have written there needs to be a way for users to add to the comments and tips about a certain step in the recipe if the user want to	check the amount of user tips displays at the bottom of each step check that engagement with this display downloads the tips from the server and enables users to bring up these tips ensure users can add tips into a field ensure added tips are sent and saved to the server for the specific step in the recipe ensure tips can be closed to return to the step in the recipe	Value: 52 Risk: 55 Time: 4

		ensure the presentation can continue as normal	

User Interaction

Story ID	Story	Requirements	Test	Estimates
C1	Author: James P As a user I can swipe up/down and left/right on the main home screen so that I can view all of the recipes on offer **left and right netflix style	The ability to scroll up and down to see the recipes on the app	Check that recipes can be viewed clearly on screen Ensure that the scrolling is smooth and controlled Check that all recipes are available on the main home screen	Value:100 Risk:15 Time:3
C2	Author: James P As a user I can swipe left/right on the main home screen so that I can easily navigate to main menu tab/screen and the users profile Edit: As a user I can click the tabs on the main home screen so that I can easily navigate to main menu screen, timeline and the users profile	The ability to switch between different screens which displays different information. The ability to have multiple screens available to the user	Check that all screens can be viewed by a swiping action Edit: Check that all screens can be viewed by clicking on the various tabs Ensure the actions takes the user directly to the next page	Value:84 Risk:15 Time:1

C3	Author: James P As a user I can tap a recipe on screen so that I can view its contents	Ability to select what recipe to view and to see all the information about that recipe on the screen Going between recipe list and individual recipes easily	Ensure when recipe is selected the meal is shown to the user immediately Check that all of the information is displayed correctly to the user	Value:100 Risk:8 Time:2
C4	Author: Louis As a user who buys all the weekly food shopping at one time, I am able to create a meal plan to know exactly what ingredients I am going to need for the plan duration	Ability to create a plan and add meals to the meal plan list resulting in combining ingredients together Having a meal plan saved to users individual profile and the ability to assess at all times	Check that the meal plan created is saved to individual profiles Check that the meal plan can be edited and the shopping list updates. Ensure that all ingredients are included in the list and duplicate ingredients are added together rather than separate ingredients	Value: 80 Risk: 20 Time: 2.5
C5	Author: Becky As a user who has a lot of store cupboard ingredients I can tap what ingredients I need to add to a shopping list so I can build a shopping list based on the recipes without including ingredients I already have.	Creates a shopping list on what the user selects as needed to buy Saves the shopping list to user individual profiles	Check that the correct ingredients are adding to the list Ensure the shopping list is saved and available to view.	Value: 80 Risk: 30 Time: 1.5
C6	Author: James C As a user with dietary needs I can tap a filter button to filter recipes several different ways to cater to my dietary/ religious/ price/ nutritional needs	Have a filter section where user can adjust filters to their needs/wants Ability to turn filters on and off The price filter needs to be a range that I can adjust to about/below a certain price	Ensure filters are implemented correctly throughout the meals Ensure the filters are saved until they are turned off by the user and included if the users used the sort button or other features included	Value: 90 Risk: 20 Time: 3

C7	Author: James C As a user I can tap the sort button to sort recipes into chosen orders	A sort button feature that allows user to select how they want to sort and view the recipes Different options for filtering the meals. For example cheapest first, highest in protein or low in carbs	Ensure recipes are correctly sorted in order Check that all meals are still included in the main menu	Value: 80 Risk: 26 Time:2.5
C8	Author: Becky As a user I can tap a button on the recipes I liked so I can have a list of the recipes I would want to make again	A button that adds the recipe to the user's profile of 'liked recipes' and saves it The ability to select recipes off the liked recipes and add them to the meal plan	Check that the recipes the user adds are added and saved to their liked recipes Ensure it is easy and clear for the user to see the recipes and like them	Value:75 Risk: 50 Time:3.5
C9	Author: James C As a user I can tap a rating under recipes to give them a star rating out of 5	A button below the recipe that can give a rating of the meal The rating is saved and shown when looking at the recipes	Verify recipe rating is stored and saved for each user and the average rating is displayed to everybody Ensure the rating is available to see on each recipe	Value: 85 Risk: 34 Time: 2.5
C10	Author: James C As a user I can tap a button to change the unit of measurement of given ingredients	A button that lets the user change the measurements to the measurements they are used to/can measure Include measurements such as grams, pounds, millileters, cups etc… The ability that all recipes change the units so user doesn't have to keep changing with every recipe	Check the function that changes the measurements works correctly and all units are displayed correctly	Value: 73 Risk: 20 Time: 1.5

C11	Author: Becky As a user I can add comments and reviews on other recipes so other users can see my opinions on the recipe	Comment boxes that are at the bottom of each recipe The ability to add comments and reply to other users comments the ability to delete comments/ replies when the user chooses	Ensure each comment gets added along with information about who added the comment Check that the comment is only available on the selected recipe check the comments are fully removed if the user chooses	Value:79 Risk:49 Time:3.5
C12	Author: Becky As a user I can see the Price and nutrition value of a recipe so I can choose a recipe accordingly	The nutritional and price of each recipe is clearly stated with the recipe The price should be as accurate and as up to date as possible	Ensure all information is present on each meal Check a supermarkets API to find the typical price for an ingredient, add all the ingredients in the meal and display the total typical price to user	Value:80 Risk:80 Time:5
C13	Author: Louis, Jun As a user, I want to be able to select liked or disliked ingredients from an ingredients list and then I can get a new list based on my selection so that the plan can be better for me.	A list of food ingredients can be shown and users can choose the savory and unsavory ones Ability is to add or delete the ingredients in my selection list	Ensure the recipes involving the unsavory ingredients cannot be shown any more Ensure the recipes will change accordingly to the user's selection	Value: 52 Risk: 38 Time: 3
C14	Author: Louis, Becky, James C As a user I recipes to display information including typical expiry date and methods on how to keep the recipes fresh so I know how many days it will last before going off.	The ingredients have the expiry date included in the recipes The best method to keep the ingredients fresh can be recommended to the users Ability to mark the ingredient lasting the least fresh days	Ensure that each recipe has the correct information for health and safety reasons simulate selecting a recipe to check the information is present and correct Simulate selecting an ingredient and verifying the expiry date is listed and correct	Value: 60 Risk: 50 Time: 4

		Ability to choose the date when users buy the ingredients and be reminded of the expiry date coming soon.	Simulating selecting the date buying something and waiting for the notification before the expiry date	
C15	Author: Jun As a user, I want to delete my disliked meals in the plan instead of some substitutions of these meals so that I can be more satisfied with the completed plan.	Ability to delete the disliked meal from the plan and choose the preferred the meal to take the place of it	Ensure that the substitution meals differ from the deleted meals. Ensure that the substitution meals have almost the same calories as the meal before. Simulating deleting one meal in the week plan and the substitution choices will appear	Value:80 Risk:22 Time:1.5
C16	Author: James C As a user, I want to be able to post, comment and like/dislike other posts on the timeline	Ability to evaluate the used recipes in a user forum Others' comments can be scanned in a user forum	Ensure that whether the good or bad comments can be shown objectively in the forum Simulate user forum features and verify they are shown for other users on the forum	Value: 66 Risk: 66 Time: 4.5
C17	Author: James C As a user, I want to be able to select a timeframe to see certain recipes, such as breakfast, lunch or dinner	Ability to choose a time quantum like from 8am to 10am and then to see the recipes belonging to this time quantum Ability to see the time type of a recipe	Ensure each recipe categorically states the timeframe it is usually cooked in Simulate checking different options for recipes and verifying the recipes that display are of the type(s) selected	Value: 83 Risk: 12 Time: 2

C18	Author: Jun As a user, I want to be able to search the keywords about food ingredients or cooking methods so that I can find the wanted recipes.	Ability to open the searching position and type the keywords The recipes including the keywords can be searched	Simulate searching the keyword and find the wanted recipes Ensure the searched recipes can involve the food ingredients or the cooking method	Value: 87 Risk: 60 TIme: 4.5
C19	Author: James C As a user, I want the option of not paying for the app and just seeing a small amount of adverts while I traverse the application because I do not want to spend money.	The advertisements appear in a position which cannot affect the users' operation	Ensure advertisements are displayed in a user friendly fashion and do not move other elements out of place	Value: 92 Risk: 26 Time: 3
C20	Author: James C As a user, I want to input the majority of my customisation options during the first time setup in the initial launch screen	The application can fit the users' habits and avoid users' dislike things	Check if the user has used the app before, and require certain options to be filled out before they can continue Simulate first time setup to verify the correct information is asked for and stored	Value: 74 Risk: 41 Time: 2.5
C21	Author: Louis As a user, I want there to be timers and alerts for when food is going out of date that display as notifications, so I waste less food.	When recipes are cooked, a timer is set for both fridge and freezer life with the user prompted via notification of meal going out of date	Once a meal is cooked from cooked list check it has been removed from the to cook list and been added to the cooked list Check the fridge and freezer life times are present in each recipe ensure that these times are applied to timers and saved to the user profile Ensure once these timers expire a cloud function is triggered to alert user	Value: 38 Risk: 60 Time: 4

C22	Author: Louis As a user, I want recommended storage and reheating instructions for each meal to make the process easier.	Once a meal preparation phase has been completed the user should be told information on storage and reheating instructions The user should be able to re-navigate back to this information for all recipes the user has cooked	Check each recipe has this information given to the user once the cooking phase is complete Ensure this information is available from meals the user has cooked before Ensure information page can be opened and closed without interrupting the functionality of the rest of the application	Value: 60 Risk: 29 Time: 2
C23	Author: Louis As a user, I want to be able to report any recipes, comments or reviews that breach the terms and conditions or I deem to be inappropriate.	If there is an issue the user should have the ability to report it and action to be taken There should be communication between the user and the platform when action is taken or not The reports should be checked thoroughly and action only taken when it breaches the terms and conditions or is offensive and only remove content that needs to be removed	Check that all sections where there is the ability for users to comment or write something, there is the ability for other users to report. Ensure that action is taken immediately to tackle the issue and take appropriate action Ensure that content is not removed and lost when it has been wrongfully reported	Value: 94 Risk: 22 Time: 3
C24	Author: Louis As a user, I want to be able to view all recipes, reviews and comments I have made within the app.	Have the ability to see the history of the users interaction with the app. Has all interaction in a time order to easy to review	Ensure users can go into their profile and see all relevant data they have created Ensure all data shows up in an understandable, readable format	Value: 72 Risk: 15 Time: 2

C25	Author: Nathan As a user, I want suggested recipes based on categories of recipes I've made before	Have the ability to see recipes that are tailored to my cooking history and likes/dislikes Has information on why they are suggested and the connections between the suggestions and the users history	Check all recipes are categorised and ordered Run a test set of data of multiple categories. To ensure the correct recipes are displayed	Value: 55 Risk: 69 Time : 5
C26	Author: James C & Louis As a user, I want to be able to send my friends messages and recipes so they can share in the ones I enjoy.	Users should be able to directly message and send links to recipes to their friends. Users should each get a copy of all messages sent between the two individuals in the private messages so either can delete on their own end (this will include a collection for each user and saved under each user profile)	Ensure that any link sent goes to the correct recipe Ensure all messages sent are saved to both users collection so each user streams messages from their own collection Check that messages sent are saved to both collection Check any messages deleted are deleted from both collections Ensure each user stream streams the messages from their own message stream	Value: 79 Risk: 51 Time : 5

| C27 | Author: Louis
As a user, I want to add my friends who already have the app along with invite my friends to get the app so we can share content within the app. | There is a friends list for users to be able to see all friends they currently have within the application.

At the top of this list there is a button that enables users to add a new friend.

When users receive friend requests, this populates as a notification for the other person to either accept or decline.

Users can enter the email of friends and if they already own the app then their public profile immediately populates for them to view and add as a friend. If the email is not linked to a current account, then an email is automatically generated to invite their friends to the application.

Users can enter a personal message within the invitational email to their friends to convince them to join the application community. | Check button to view friends list registers a response on the client side

When users click on this button, they are taken to the friends page

This page populates with all of the users friends

There is a button at the top to add friends that brings up a menu to enter an email address

The email enters and is sent to the server to check if there are any users registered to this email

Client sends back a public user profile if there is a user profile linked to email entered

If there is no user attached to the email, then an option to invite the user is given to the user.

The user has the option to add a personal message to the invitational email | Value: 76

Risk: 47

Time : 3 |

			If user selects to send email, the email is sent to the address.	
			Email contains valid link to download the application	
			Email contains their personal message	
			There is a button to add user as a friend within each public user profile	
			Button sends notification to individual to add the user that pressed it as a friend	
C28	Author: Louis As a user, I want to see what are the trending recipes and what are the trending recipes that have a star rating of # stars and above.	Users can filter the timeline to show them the most rated recipes that have been rated with a selected star rating and above.	Trending page is navigable from main menu Filter button opens a menu, and this saves options client side but filters the request sent server side Pull down to refresh Scrolling down the page to the end loads more recipes in from the server creating a potentially infinite scroll but limits document downloads to 3 per load	Value: 56 Risk: 49 Time : 4

C29	Author: Louis As a user, I want to see what my friends have been cooking and the reviews they leave of what they have been cooking in some sort of timeline or data feed.	Users should be able to view a timeline containing the recent activities of their friends.	News feed available from main menu Button navigates to new page Page populates with posts from friend's activity within the app Ensure reviews, cooked meals and ratings populates here Only downloads 5 items as a time Pull down to refresh operates Scroll to end downloads more posts from the server	Value: 86 Risk: 57 Time :5
C30	Author: Louis As a user, I want to be able to post questions about a recipe that anyone can answer but the author is prompted to answer, I would then like the ability to choose the best answer or vote for the best answer so I can find out the information I need about a recipe.	Have a questions section with each recipe so users can see the previous questions answered Have the ability to answer any question that is posted Have a rating system for when an answer is rated highly it appears at the top, directly below the question that was asked	check that when voting for the best answer occurs that the answers are ordered by highest vote Ensure that questions and all answers save to the server and display correctly with all recipes	Value: 59 Risk: 38 Time: 3

C31	Author: Becky As a user, I want to be able to share healthy eating and cooking tips on my timeline; I want my friends to be able to comment on these tips so others can see if they are useful and I am able to share my knowledge with the community.	Have the ability to post tips and tricks in a forum set up where other users can see and comment on the tips have the ability to search for a keyword in the tips so they can be found more efficiently	Ensure that comments are in time order Ensure notifications are sent to the user when their tip has been liked or commented on	Value: 60 Risk: 36 Time:2.5
C32	Author: Jun As a user, I can choose a target weight and how long I get it and I want to get a recommended plan about calorie intake so that I can achieve my target weight.	A rough plan can be generated based on the users' requirements The plan cannot be generated if users' requirements are bad for health	Ensure the plan is good for health and possible to complete Simulate making an investigation about users' present weight and the target weight and how many weeks spent to make the target Simulate choosing a target weight in a very short time, a reminder about good health will show instead of a plan	Value:54 Risk: 59 Time: 5

| C33 | Author: Joe Butler
As a user, I should be aware of the apps privacy policy & terms and conditions, available to view within any modern internet browser or in app with data coming from our own XML servers and understand exactly how my data, including my bank details (if appropriate) are handled/used | Based upon existing templates, should be implemented and checked by the entire team for issues

Should be updated regularly but only when required, for example adding a new payment wall for extra app features

Data shouldn't be hosted locally (in app) at all. Will prevent outdated information being displayed on devices that haven't yet updated to the newest version.

Information should be readable on multiple devices

Website only implementation
The websites privacy .html host file should only contain html5/css elements of the plaintext privacy policy and never store users history or data | Check with all other team members that any new addition to the privacy policy/terms and condition is valid, relevant and required

Server XML implementation
Manual & automatic checks that XML data is being retrieved on an array of devices

Check that information displayed is readable and presentable on a variety of devices

Website implementation
Simulate the privacy policy/terms and conditions link and website using multiple browsers and operating systems to check for CSS or html errors. (They can happen due to pretty much anything. e.g. extra whitespace characters when typing on a mac)

Check within browser that a valid SSH certificate is provided | Value: 100

Risk: 45 |

C34	Author: james c As a user, I want to be able to see the amount of portions a recipe will provide me with and change this number to scale the ingredient measurements so that I can cook for the week ahead	Users have the ability to change the amount of portions a meal will provide	Ensure that the amount of ingredients changes with the amount of portions simulated changing the portion sizes and check that the ingredients change correctly	Value:70 Risk:30 Time:1