

Fullstack 1

Group 1

Project Report

Draft 1 - HW task 2.

Group Members:

Sophia John (SJ), Beth Sirak (BS), Sarah Kelly (SK), Georgia Edwards (GE), Grace Holland (GH), Anne O'Leary (AOL).

Part 1 Project Outline

Concept:

The project's working title is "Recipes By Region". The home page will contain a map. Clicking on an area of the map will allow the user to select that region (e.g. Europe, Africa, Middle East). A brief guide to the cuisine of that region will be displayed. The user can then choose to proceed to a selection of recipes from that region or go back to select a different one. Once recipes are displayed the user can click on one to get full details of the ingredients and method.

The structure of the app will be a React App, making use of an external API and CRUD operations to provide the recipes.

Target Audience:

Recipes By Region is aimed at people who want to expand their cooking horizons and discover new recipes from around the world. As we are not offering step-by-step photos or basic skills videos it is aimed at competent cooks rather than beginners.

The addition of filtering or allergy warnings is a stretch goal. For this reason, the project is primarily aimed at those without dietary restrictions.

Working Methodology and Organisation of Workload:

As a team of six with a range of shift patterns and caring responsibilities, we will predominantly be working asynchronously. We will also be approaching the project in an Agile way - anticipating that some features of the project may change as we progress.

To organise our work we are meeting once or twice a week for a voice call to discuss progress/blockers and to agree on responsibilities for the following week. Outside these calls, we are using the following tools to organise the team:

Tool	Use
Slack	Private group channel was the initial working area for the group. Used for all messages initially, including brief agendas for meetings, discussion of design ideas etc. Now used primarily to store relevant links (e.g. google_sheet actions diary, zoom meeting links, Figma design sheet links).
Discord	Group calls and informal/rapid response group work E.g. when GE added code to the map to link pages to regions and had her localtunnel running, she shared the link to enable another team member to check it worked for an external party.
Jira	To maintain an overview of progress on key tasks and to organise overall project workflow.

Individual team members have taken responsibility for key areas (working with others to deliver) as outlined below:

Team Member	Area(s) of Responsibility/Leadership
Sophia John (SJ)	Recipe card page Research contact us options - e.g. sign up to Newsletter possibly leading to ownership of this page if feasible.
Beth Sirak (BS)	API search - find suitable free API that includes country details for recipes (NB shared with SK) Set up group GitHub repository, invite all members as collaborators. Lead on linking API to React

Sarah Kelly (SK)	API search - find suitable free API that includes country details for recipes (NB shared with BS) Setup and administration of Jira board. Development of nav bar.
Georgia Edwards (GE)	Home/landing page including the development of an interactive map
Grace Holland (GH)	Research/Design for "Spin the wheel" mechanism if the user does not want to select a region. About us page (formatting etc).
Anne O'Leary (AOL)	Wireframe - broad outline in draw.io, refined design in Figma. Project report/homework document. Recipe results page (formatting etc).

Key Features of the Project:

Main Pages and Key Deliverables

Home/Landing page:

- Hero section with prompt to user to click on interactive map. Regions of the map are linked to further pages.
- Spin the wheel - if the user elects not to click on the map they can be assigned a region at random.

Regional cuisine summary:

- Outline map of region
- Text summary of cuisine style.
- Buttons for the user to proceed or to pick again.

Recipe search results:

- Recipes (~6-10) selected from those available in the API based on their country of origin matching the selected region.
- Recipe results will be displayed with thumbnail pictures and recipe titles.
- Buttons for the user to proceed or go back to pick again.

Recipe card:

- Displays full instructions for the recipe - Picture, Ingredients, Method
- Button for the user to go back to the recipe search results.

About us page:

- Displays brief bios for the 6 team members.

Reusable Components

- A navigation bar will appear at the top of each page allowing the user to quickly navigate to the home page and the about us page.
- Some pages may feature buttons offering the user a choice to go forward (e.g. to proceed to recipes of a certain region) or back (e.g. to the map to select a different region).

Stretch Goals/Ideas:

- Filtering recipes e.g. for vegetarians
- "Refresh" button to allow the user to search for more recipes in their chosen region if the initial selection does not suit them.
- Contact us page - send a message - enabling the user to send a message to an email address through the website.
- Contact us page - newsletter signup - enabling the user to submit their email address for addition to a mailing list.

Part 2 Design

Overview and User Flow (High Res available [here](#))

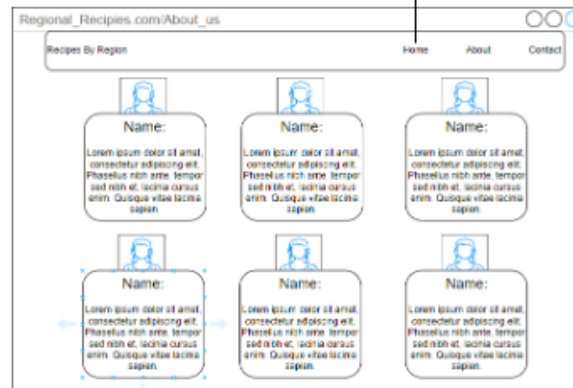
Home Page

As shown by black arrows user can navigate to this page by clicking "Home" in the nav bar on any page.



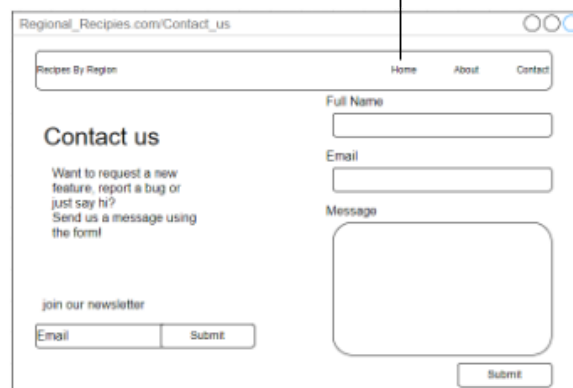
About us:

User can navigate to this page by clicking "About" in the nav bar



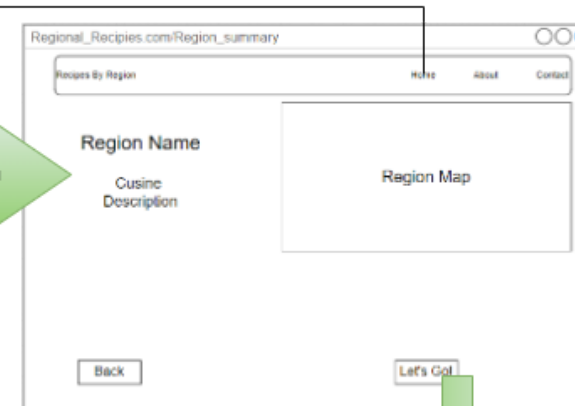
Contact us:

Possible stretch target. User can navigate to this page via "Contact" in nav bar



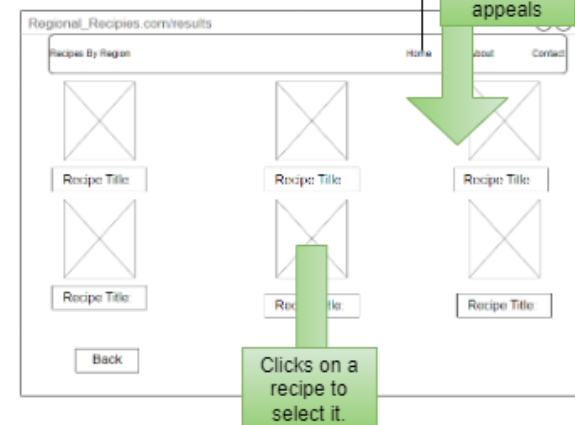
User clicks on map region

Region Summary



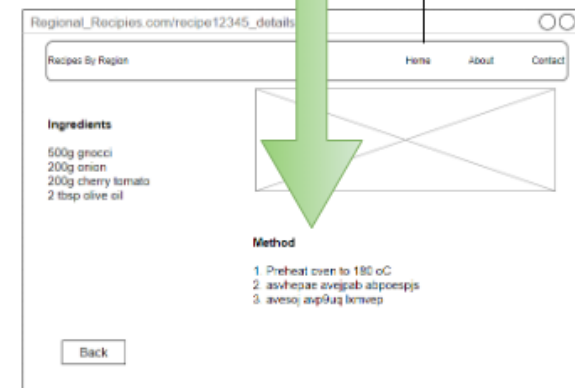
Clicks on let's go if cuisine appeals

Recipe Results



Clicks on a recipe to select it.

Recipe Card





RECIPES BY REGION

homeaboutcontact

Explore The Map

Click on any region on the Interactive map to begin your culinary adventure.





RANDOM RECIPES

Can't Decide? Spin The Wheel


Let the wheel decide your next recipe for you.

RECIPES BY REGION

homeaboutcontact

YOU HAVE CHOSEN MIDDLE EAST

The culinary traditions of Middle East are greatly influenced by the Mediterranean climate, the ancient religions, and Europe, Africa, and Asia through the trade routes that have been used for centuries. The cuisine of this area is varied with similar traits as ingredients like olives, honey, sesame seeds, mint, chickpeas, and parsley are used in abundance.



TAKE ME BACK

SOUNDS TASTY! LET'S GO

HERE ARE EIGHT RECIPES FROM THE MIDDLE EAST
CLICK ON A RECIPE TO SEE FULL DETAILS.



SUMMER
COUSCOUS
SALAD



SUMMER
COUSCOUS
SALAD



SUMMER
COUSCOUS
SALAD



SUMMER
COUSCOUS
SALAD



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TAKE ME BACK

SUMMER COUS COUS SALAD

INGREDIENTS

250g couscous
250ml vegetable stock, boiling
400g can chickpeas, drained and rinsed
1-2 tbsp vegetable or olive oil
300g courgette, sliced on the slant
300g small vine-ripened tomatoes, halved
250g pack halloumi cheese, thickly sliced and then halved lengthways

FOR THE DRESSING

125ml olive oil
3 tbsp lime juice
2 large garlic cloves, finely chopped
2 tbsp chopped fresh mint
½ tsp sugar



METHOD

STEP 1

Tip the couscous into a bowl, pour the boiling stock over and mix well with a fork. Cover with a plate and leave for 4 minutes. Meanwhile, tip all the dressing ingredients into a bowl and mix well. Fluff up the couscous with a fork, stir in the chickpeas and follow with half the dressing. Mix well and pile on to a large serving dish.

STEP 2

Heat 1 tbsp oil in a large frying pan and fry the courgette slices over a high heat for 2-3 minutes until dark golden brown. Lift out on to kitchen paper. Now put the tomatoes cut-side down into the pan, and cook for another couple of minutes until tinged brown on the underside. Top the couscous with the courgettes and then the tomatoes.

STEP 3

If the pan is dry, pour in a little more oil and heat it up, then add the halloumi strips and fry for 2-3 minutes, turning them over from time to time, until crisp and sizzled brown. Pile on top of the tomatoes, and drizzle with the remaining dressing. Serve as soon as possible.

[TAKE ME BACK](#)

ABOUT US

The Dream Team, Brought Together By Code First Girls.



BETH SIRAK

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SOPHIA JOHN

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SARAH KELLY

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GEORGIA EDWARDS

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ANNE O'LEARY

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GRACE HOLLAND

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[TAKE ME BACK](#)

RECIPES BY REGION

homeaboutcontact

Contact Us

Want to request a new feature, report a bug or just say hi? Send us a message using the form!

join our newsletter

Email AddressSUBMIT

FULL NAME :

EMAIL :

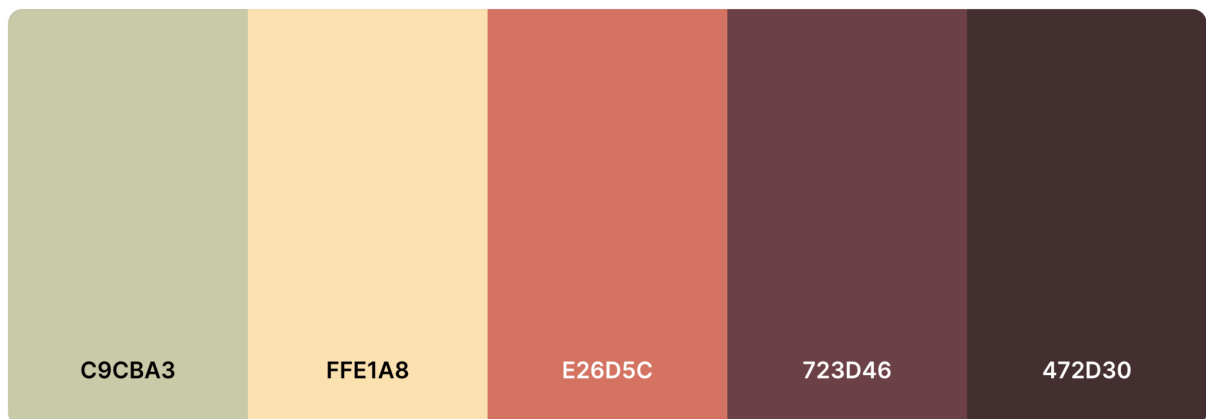
MESSAGE :

SUBMIT

Evaluation/Justification of Design:

As our target audience will be quite diverse in terms of age and background we have chosen a clean modern style. We deliberately avoided any graphics or colour palettes that would appeal to any one group of people over others.

Group members reviewed possible colour palettes and selected the one shown below as the warm tone appealed:



This colour palette has the additional benefit of having good contrast between the deep aubergine (472D30) and the pale yellow (FFE1A8) and white text, making the body text easier to read. The fonts chosen were Outfit and Roboto, which offer high legibility and a “rounded” outline without the childishness associated with Comic Sans. The font size is under review and may be increased to further improve the accessibility of the website.

Our goal for the page layouts was an intuitive design allowing users to navigate the website without large quantities of text/explanation. This will include making the map regions and images and titles of recipes clickable to bring the user to the detailed recipe card. The inclusion of a navigation bar aims to enable users to navigate the website freely.

Possible drawbacks of the design include unknown feasibility queries. We have identified the creation of the “contact us” page as a stretch target. It also may be harder than expected to return to the recipe results page - for example, if the selection of recipes is random, will pressing the back button to return to this page mean that the user is presented with a different set of recipes? We may need to modify the wording of some sections to manage user expectations or simplify the design to simply have the user return “home” if they decide against their selected recipe.