Overall mashup purpose and description (1-2 paragraphs)

> A combination of flicker and edamam, The purpose is to find a food item that looks appealing and use edamam to find similar recipes to the one displayed. It will use the tags from flicker to search edamam. Further to this the nutrients for the ingredients from the found recipes will be displayed using a different edamam api.

At least two non-trivial use cases to be implemented. Please use the user story style: As a I want the system to so that . For each one of these, you should make it clear (below) how the APIs can support the user story.

As a casual browser I want the system to find recipes for flicker images of food so that I can make them later.

As a healthy person I want a system to show the nutrients for each item of food in a recipe so that I can remove stuff that is adding too many carbs ect.

List of service and data APIs to be utilised. This must include a short description of the API (1-2 sentences is fine), and a list of the services to be used for each user story (see above).

- Flicker, to display images and get the tags for that certain image. Will use the api to search for images containing the tag "food" and then return the remaining tags when a picture is selected.

- Edamam Recipe Search. Given the tags select the first few tags as the input into the recipe search api, can then return information about the recipe.

- Edamam Nutrition Analysis. Given a list of food items find the nutrients of each item. Can combine the recipe search to use as an input into the analysis api.

A clear statement of the division between server side and client side processing, and the technologies to be deployed.

I believe I can do a majority of the processing on the server side, with just the display being left to the client side. Will be using Node js, js, express, axios to start with more being added as required.

The email should be sent with subject line [CAB432 Assignment 1 Proposal] to your tutor and cc'ed to me at j.hogan@qut.edu.au. Your tutor will look at your proposal with you in the pracs and give you feedback. The email is so that we have a record and so that I can have a quick look at the overall standard. [Your tutor will tell you their preferred email address, but they will not reply to the email you send. Use the prac to discuss your proposal.]