**Meeting Template**

**Date:**

**What did you do since the last meet?**

**What will you do till the next meet?**

**Any Questions?**

**Other Notes:**

**TODO:**

Sprint 1:

* Increments
* Sprint Planning
* Daily Scrum
* Sprint Review
* Sprint Retrospective
* Sprint Backlog
  + Sprint Goal
  + Burnup

Sprint 2:

* Increments
* Sprint Planning
* Daily Scrum
* Sprint Review
* Sprint Retrospective
* Sprint Backlog
  + Sprint Goal
  + Burnup

[Read.me](http://read.me) list of environment variables to configure the project

User guide

Product Backlog

Individual Effort

Push to Heroku

**Date: Oct 6, 2025**

**Meeting Agenda:**

**Individual Effort Paragraphs  
1. Eshan:**

As a user, I want to sign in with my Google account so I can reuse my google account credentials to access the app (<https://github.com/CSCE-606-Project-1/foo1/issues/41>)

As a logged in user, I want to save ingredient lists against my account, so that they persist between logins for reuse. (<https://github.com/CSCE-606-Project-1/foo1/issues/6>, <https://github.com/CSCE-606-Project-1/foo1/issues/5>)

As a logged in user, I want to create multiple ingredient lists so that I can organize ingredients by meal plans. (<https://github.com/CSCE-606-Project-1/foo1/issues/39>)

As a logged in user, I want to select a saved ingredient list so that I can search for recipes that can be cooked using those ingredients. (<https://github.com/CSCE-606-Project-1/foo1/issues/39>)

As a logged in user, I should be able to delete my created ingredient list so that I can keep my ingredient lists organized (by deleting outdated and irrelevant ingredient lists) (<https://github.com/CSCE-606-Project-1/foo1/issues/39>)

As a logged in user, I want to sign out from my meal match account, so that I can securely leave the app (<https://github.com/CSCE-606-Project-1/foo1/issues/26>)

As a logged in user, I want to go back to my user dashboard from any other page within the app so that I can quickly navigate back to my dashboard.(https://github.com/CSCE-606-Project-1/foo1/issues/28)

**2. Cameron:**

**3. Pablo:**

**4. Quan:**

**Date: Oct 5, 2025**

**Meeting Agenda:**

1. **Things to DO:**
   1. **Push to heroku**
   2. **Prepare Presentation 10 mins video**
   3. **Prepare Video 5 mins demoing the project WITH CAPTIONS**
2. **Before 10:30: Merge Quan’s PR**
3. **During our meet:** 
   1. **Push on heroku (½ hr)**
   2. **Create slides (1/2 hr)**
   3. **Present slides (1 hr)**
   4. **Cameron leaves at 2:45**
   5. **Documentation**
      1. **Sprint Documentation (Done by Pablo)**
      2. **User Documentation**
      3. **Technical Documentation (Done by Pablo already)**
      4. **Add your stories to the Product Backlog.**
      5. **Post your individual effort submission.**
4. **Where are we in terms of ?**
   1. **User story (Individual Effort)**
      1. **Eshan:**
         1. Issue creation for: Central system that connects that connects recipe search and ingredient list manager and ingredient list manager left.
      2. **Pablo**
         1. Meeting with Cameron to create issues for our branch
         2. Working on the docs for sprint 1, sprint 2, and product
      3. **Quan**

See previous session

* + 1. **Cameron**
  1. **Pending Acceptance tests**
     1. **Eshan:**
        1. Done for: 5 story points , Pending for: 2 story points
     2. **Pablo:**
        1. Meeting with Cameron to determine what needs acceptance tests
     3. **Quan:**

1. Done for all, 96% coverage

* + 1. **Cameron**

**Date: Oct 4, 2025**

**Meeting Agenda:**

1. **What are the two increments ? (one per sprint)**
   1. **Increment 1:**
      1. Allow user to login via their google account, search for ingredients and save ingredient lists.
   2. **Increment 2:**
      1. Allow user to manage ingredient lists (create, delete, view, edit), add searched ingredients and remove existing ingredients from the ingredient list.
      2. Allow user to search for recipes corresponding to existing ingredient lists and save them.
2. **List your user stories for each sprint**
   1. **Eshan:**
      1. **Sprint 1:**
         1. As a user, I want to sign in with my Google account so I can reuse my google credentials to access the app (<https://github.com/CSCE-606-Project-1/foo1/pull/1>)
         2. As a user, I want to save ingredient lists against my account, so that they persist between logins for reuse. (<https://github.com/CSCE-606-Project-1/foo1/pull/7>, <https://github.com/CSCE-606-Project-1/foo1/pull/14>)
      2. **Sprint 2:**
         1. As a user, I want to create multiple ingredient lists so I can organize by meal plans. (<https://github.com/CSCE-606-Project-1/foo1/pull/24>)
         2. As a logged in user, I want to select a saved ingredient list so that I can search for recipes easily. (<https://github.com/CSCE-606-Project-1/foo1/pull/24>)
         3. As a user, I should be able to delete my created ingredient list so that I can keep my ingredient lists organized (by deleting outdated and irrelevant ingredient lists) (<https://github.com/CSCE-606-Project-1/foo1/pull/24>)
         4. As a user, I want to sign out from Google so I can securely leave the app (<https://github.com/CSCE-606-Project-1/foo1/pull/31>)
         5. As a user, I want to go back to my user dashboard from any other page within the app for quick/seamless navigation to my dashboard. (<https://github.com/CSCE-606-Project-1/foo1/pull/31>)
   2. **Cameron:**
      1. **Sprint 1:**
         1. As a user I want to be able to search for ingredients so that I can add them to my list

<https://github.com/CSCE-606-Project-1/foo1/pull/18>

<https://github.com/CSCE-606-Project-1/foo1/issues/11>

* + - 1. As a user I want to be able to click on ingredients to add to my list

<https://github.com/CSCE-606-Project-1/foo1/issues/34>

* + - 1. As a user I want to be able to click on selected ingredients to remove them from my list

<https://github.com/CSCE-606-Project-1/foo1/issues/34>

* + 1. **Sprint 2:**
       1. As a user I want to be able to save the updates to my list

<https://github.com/CSCE-606-Project-1/foo1/issues/35>

* + - 1. As a user I want to be able to press a close button to discard my changes

<https://github.com/CSCE-606-Project-1/foo1/issues/44>

* + - 1. As a user I want to be able to save the name I tied to the list so that I can view it from any device when I login.
         1. <https://github.com/CSCE-606-Project-1/foo1/issues/33>
      2. As a user I want to save the edits I made to my list

<https://github.com/CSCE-606-Project-1/foo1/issues/36>

* + - 1. As a user I want to be able to see existing ingredients in my list

1. <https://github.com/CSCE-606-Project-1/foo1/issues/37>
   1. **Pablo:**
      1. **Sprint 1:**
         1. Setup Github Project with Kanban Board (Pablo) - 1
            1. https://github.com/CSCE-606-Project-1/foo1/issues/3
         2. Docs directory integrated into Github (Pablo) - 1
            1. https://github.com/CSCE-606-Project-1/foo1/issues/16
         3. Product & Sprint 1 Backlog Burnup (Pablo) - 1
            1. https://github.com/CSCE-606-Project-1/foo1/issues/17
      2. **Sprint 2:**
         1. As a user I want to be able to name my list so that I can identify it easier. - 2
            1. <https://github.com/CSCE-606-Project-1/foo1/issues/33>
         2. As a user I want to be able to see existing ingredients in my list - 2
            1. https://github.com/CSCE-606-Project-1/foo1/issues/37
         3. As a user, I want to search for recipes using my saved ingredient lists so that I can see meals I can cook with multiple ingredients at the same time. - 2
            1. https://github.com/CSCE-606-Project-1/foo1/issues/20
         4. YARD documentation (Pablo) - 1
            1. https://github.com/CSCE-606-Project-1/foo1/issues/16
   2. **Quan:**
      1. **Sprint 1:**

As a user, I want to search for recipes using an ingredient list of only one ingredient so that I can see meals I can cook with just one ingredient at hand.

https://github.com/CSCE-606-Project-1/foo1/issues/13

* + 1. **Sprint 2:**

As a user, I want to search for recipes using my saved ingredient lists so that I can see meals I can cook with multiple ingredients at the same time. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/20

As a user, I want a TikTok-like swiping interface for recipes showing each recipe at a time so that I can quickly cherry-pick recipes without being overwhelmed by too many at once. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/21

As a user, I want a "love" button to open a modal with detailed information on current recipe so that I can decide whether to save or cook it. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/21

As a user, I want a "hate" button to skip current recipe and move on to the next one so that I can efficiently browse recipes I like. - 1

<https://github.com/CSCE-606-Project-1/foo1/issues/21>

As a user, I want a “back” button to get back to previous recipe so I can get back if I misclick “hate” on a recipe I actually like or if I second-choice myself.

<https://github.com/CSCE-606-Project-1/foo1/issues/21>

As a user, I want a save button both on both the recipe image and in the modal so that I can save recipes I like for later. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/23

As a user, I want a page that shows all my saved recipes so that I can easily access the recipes I've saved. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/23

As a user, I want a delete button on my saved recipes page so that I can remove recipes I no longer want. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/23

As a user, I want a button on my saved recipes page to open a modal showing the recipe description so that I can view details without leaving the page. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/23

As a user, I want a button on my dashboard and recipe search result page leading to my saved recipes so that I can easily access the page showing my saved recipes.

<https://github.com/CSCE-606-Project-1/foo1/issues/23>

As a user, I want missing ingredients to be highlighted as red in both description modal and recipe title so that I know what else I need off the bat. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/32

As a user, I want ingredients I already have to be highlighted as green in the description modal so that I know what I already have off the bat.

<https://github.com/CSCE-606-Project-1/foo1/issues/32>

As a user, I want to be able to filter recipes missing a specific customizable number of ingredients so that I don’t waste my time looking through subjectively not-makeable recipes - 1

https://github.com/CSCE-606-Project-1/foo1/issues/32

1. **Ensure that your user stories are in project tracker with a PR that addresses each user story.**
2. **Ensure that Sprint Goal, Sprint Retrospective are in the Project Tracker.**
   1. **Increment: (Done above)**
   2. **Sprint Planning**
      1. **Sprint 1:**
         1. Setup Github Project with Kanban Board (Pablo)
         2. Docs directory integrated into Github (Pablo)
         3. Product & Sprint 1 Backlog Burnup (Pablo)
         4. Google Account sign-in works only with registered test users for unverified apps (Eshan)
         5. Add CRUD logic for an Ingredient (Eshan)
         6. Add CRUD system for maintaining a list of ingredients for a user (Eshan)
         7. Add recipe-search by ingredient with RSpec and Cucumber testing foundation (Quan)
         8. Search Bar For Ingredients (Cameron)
         9. Find API for ingredients (Cameron)
         10. Find API for recipes (Cameron)
      2. **Sprint 2:**
         1. Central user dashboard page that connects to all the systems (Recipe Search, Ingredient Lists Manager/CRUD) (Eshan)
         2. Add Google Sign out functionality (Eshan)
         3. Add Return to dashboard functionality (Eshan)
         4. Edit list page (Pablo & Cameron)
         5. Initial Recipe Search (Pablo)
         6. YARD documentation (Pablo)
         7. Code Coverage (Cameron)
         8. Recipe Search page (Quan)
         9. Tiktok-like swiping functionality (Quan)
         10. Missing Ingredient Filter functionality (Quan)
         11. Saved Recipe page + functionality (Quan)
         12. Recipe Description modal (Quan)
   3. **Sprint Review**
      1. **Sprint 1:**
         1. Showed Google Sign in Functionality to Mr. Tian Liu (T.A.) along with the Github project repository setup.
         2. Inquired about the scope of a user story, commit formatting guidelines and non negotiable deliverables (such as tests)
      2. **Sprint 2:**
         1. App should work without javascript support and we had to modify some of existing code for that.
   4. **Sprint Retrospective**
      1. **Sprint 1:**
         1. We realized we were running out of time in our sprint to complete our tasks. Because we were too ambitious. That is why after reviewing we learned to break down the tasks into smaller things that we could accomplish before the following meeting for Sprint 2.
         2. Earlier due to lack of communication, we had an API mismatch for the API being used for searching ingredients and the API that was being used for searching recipes (different format for ingredients used by both APIs). This slowed us down tremendously and led to the extension of our sprint 1 by a day.
      2. **Sprint 2:**
         1. Physical meetings per week for syncing development (something we did quite a lot during the last week of development) would have helped speeden up the progress (in form of face to face doubt resolutions, design discussions and PR reviews)
   5. **Sprint Goal (Manipulate the increment statement into a single statement for each sprint)**
      1. **Sprint 1:**
      2. **Sprint 2:**
   6. **Burnup**

**What did you do since the last meet?**

**What will you do till the next meet?**

**Any Questions?**

**Other Notes:**

**Date: Oct 2, 2025**

**What did you do since the last meet?**

**What will you do till the next meet?**

**Any Questions?**

**Other Notes:**

**Date: Sep 24, 2025**

**What did you do since the last meet?**

**Eshan’s user stories:**

* Given a non-logged in user, Log in
* Given a non-logged in user, Log out
* Given a logged in user, he should be able to select the list of ingredients corresponding to which he wants a recipe
* Given a logged in user, he should be able to CRUD+I his created ingredient lists

User Stories:

* As a user, I want to sign in with Google so I can use the app without creating a new account.
* As a user, I want to sign out from Google so I can securely leave the app.
* As a user, I want to add ingredients to a personal list so the app can recommend meals for me.
* As a user, I want to create multiple ingredient lists so I can organize by meal plans.
* Given a logged in user, he should be able to select the list of ingredients corresponding to which he wants a recipe.
* As a user, I want to swipe through recipe suggestions so I can quickly find meals.
* # As a user, I want the app to fetch ingredient and recipe data from external APIs so I can get accurate results.
* # As a user, I want my selected ingredients stored in the database linked to my account so they persist between logins.
* As a user, I want to remove ingredients from my list so I can update it when I run out.
* As a user, I want the swipe interface to look clean and intuitive so it feels easy to use.
* As a user, I want recipe results to show images (later iteration) so I can visually recognize meals.

**Quan’s user stories:**

As a user, I want to search for recipes using an ingredient list of only one ingredient so that I can see meals I can cook with just one ingredient at hand.

<https://github.com/CSCE-606-Project-1/foo1/issues/13>

As a user, I want to search for recipes using my saved ingredient lists so that I can see meals I can cook with multiple ingredients at the same time. - 1

https://github.com/CSCE-606-Project-1/foo1/issues/20

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https://github.com/CSCE-606-Project-1/foo1/issues/32

**What will you do till the next meet?**

**Any Questions?**

**Other Notes:**

**Meeting Template**

**Date: Sep 22, 2025**

**What did you do since the last meet?**

Cameron needs to see Eshan’s branch

Flow: Login ->

**What will you do till the next meet?**

Minutes of the meeting today:

Urgent TODO:

Cameron would buy the mealdb API key and provide it to Quan so that Quan can use it to search recipes for multiple ingredients. @SonOfDantu please let us know your account details so we can share the cost equally after purchase.

@Pablo Pineda and @SonOfDantu would create an end point as follows:

GET /lists/ingredients/<ingredient list id>

This end point takes in the list id and shows a page that allows user to:

View the existing ingredients in that particular list

Remove an existing ingredient from that ingredient list

Add a new ingredient to the list (This is where Search functionality implemented by @SonOfDantu would come in)

@Q would create an end point as follows:

GET /lists/recipes/<ingredient list id>

This end point takes in the existing list id (in the URI) and shows a page consisting of:

Recipes corresponding to ALL the ingredients in that list

Should use the Premium API

The recipes should be shown in a list format contatining image, title and description.

@Eshan Kelkar would:

Add the Search Recipes and Manage Ingredient Lists buttons to the user dashboard.

The Search Recipe button would allow user to select an existing ingredient list and call @Q's (the one he's working on) end point on that list to show potential recipes against that list.

The Manage Ingredient List button would take to a page showing the user existing ingredient list titles.

Clicking on an existing list would call the aforementioned end point created by @SonOfDantu and @Pablo Pineda to allow user to Edit/Add/View items for that particular list.

**Any Questions?**

**Other Notes:**

**Date: Sep 20, 2025**

**What did you do since the last meet?**

Eshan:

* Added functionality for the ingredient CRUD
* Reviewed Cameron’s Pull Request for searching ingredients
* Reviewed Quan’s pull request for searching recipes

Pablo:

* Created the docs dir that holds Scrum Artifacts
* Reformatted the Initial Product Backlog

**What will you do till the next meet?**

**Eshan:**

* Adding CRUD for ingredient list is mostly done, will push after adding tests
* Meet with Quan to discuss about editing the comments.

**Pablo:**

* Cleaning up the Sprint Backlog
* Cleaning up the github project board
* Start the User Guide

**Quan:**

* Make the recipe algo take in multiple lists of ingredients and output respective recipes (with the New API)
* Work on the UI of said feature if nothing else backend is needed

**We’ll wait for a day to get the API key for the new thing, else use mealdb**

**For Quan:**

**git rebase -i HEAD~3**

**git commit –amend**

**Edit the (Esc, then I) commit title and description, exit vim using :wq**

**Run git rebase –continue**

**Any Questions?**

* What is the new API we are moving forward with for ingredient and recipe?

**Other Notes:**

Sprint seems to be delayed because of the mismatch in API usage, I think it would take an extra day to achieve our initial sprint goal now.’

**Date: Sep 19, 2025**

**What did you do since the last meet?**

Eshan: Not much since sign up, have an assignment to submit today midnight, should work on the project after that (first google signin tests followed by joining whoever needs help)

Pablo: started setting up the github project. Is currently working on inserting all our objectives for the project and sprints. He is also looking to create our milestones.

Cameron: Has added the ”Add Ingredients” button working, when you click it it pops up a window with a search bar that allows you to search ingredients

Quan: cucumber acceptance testing (one scenario for following feature), one ingredient to all recipes including said ingredient feature

Find GET payload from themealdb below:

GET URL: [www.themealdb.com/api/json/v1/1/filter.php?i=chicken\_breast](http://www.themealdb.com/api/json/v1/1/filter.php?i=chicken_breast)

Payload: click on the link, use pretty-print for human viewing

**What will you do till the next meet?**

**All of us need to create the issues for stuff we work on.**

**PLEASE complete the mid term evaluation today to be safe.**

Pablo:

* Have the github project setup. Will hopefully start working on multiple lists.
* Add placeholder files and folders for the technical documentation, we all would add to that as we keep developing
* SCRUM Events: Throw it in the docs

Cameron:

* Buy the premium API key and provide it to Quan
* Make the pull request containing only the header files.
* Will integrate the ingredients API connected to the search bar.

Eshan: Would add the tests for sign up and hitch on to another person’s task which needs help.

Quan: input lists, maybe multi-ingredient, connect to Cameron’s ingredient API stuff

**Any Questions?**

Cameron: How is the google API key being stored?

* Eshan: In the rails app folder in terminal type **EDITOR="vi" rails credentials:edit --environment=development** (to view the credentials) (See <https://www.youtube.com/watch?v=yEMbaVUAWwg>)

Quan is blocked by the premium API key.

* Cameron will provide the premium API key.

**Other Notes:**

Same time works for Cameron tomorrow.

**Date: Sep 17, 2025**

**Progress meeting with TA**

**What did you do since the last meet?**

Eshan added google auth

Cameron is working on making sure the .yml file that is running our tests works on our github projects

Quan was working on setting up the heroku and cucumber

He figured out how to launch

**What will you do till the next meet?**

* Eshan: Add rspec tests for google auth
* Pablo: is working on documentation, github milestones, mail prof ritchie
  + Things we need (for Pablo):
    - Project tracker
    - Sprint Planning Doc
    - Spring Goal Doc
    - Burndown charts
    - …
* Cameron: Adding a button to provide the user the view to select/choose ingredients and based on what the user chooses add to the list of ingredients he selects.
* Pablo: CRUD with user lists
* Quan: List of ingredients with us, call the recipe API and map it, no filtering for now to contain only ingredients present in the list, just everything that the API returns for now.

**Any Questions?**

**Other Notes:**

**Date: Sep 15, 2025**

**What did you do since the last meet?**

Pablo:

I was looking into authentication for whichever project we choose. I found a tool within rails called **Devise.**

What **Devise** Provides Out of the Box

* User registration (sign up, edit account, delete account)
* Session management (log in, log out)
* Password encryption & reset (secure password storage, “forgot password” emails)
* Remember me functionality
* Email confirmation (verify accounts via email link)
* Lockable accounts (after X failed attempts)
* OmniAuth integration (sign in with Google, GitHub, Facebook, etc.)

Devise is built on Warden, a low-level authentication library, but adds Rails-friendly helpers and generators. When you install Devise, it generates a User model (or any model you choose) with all the authentication logic included, plus preconfigured routes, controllers, and views.

After discussing with Cameron we feel like Devise is too complex to integrate into a 3 week project and think it’s best to use google auth.

After some time to think, I would like to move forward with the recipe app. I feel like that project is most enjoyable and has room for growth past project 1.

**What will you do till the next meet?**

**Prof mentioned use Rspec for unit testing and Cucumber for acceptance testing (90% or above for each)**

Quan:

Think test connection between frontend backend just use postman

Cameron:

1. Make the homepage
2. Ability to login with google (No custom authentication)
3. Week 3: buffer week, sprint 3: Documentation (README file, code documentation, usage)
4. Week 1: Basic landing page + Signup + User object + Adding Ingredients + Call the API for recipes and ingredients (UI: A + button to add ingredients, type in the ingredient, and select it -> search engine)
5. Week 2: Connect the things we have to give potential recipes (API call), mostly UI stuff

**Any Questions?**

1. How do we want to divide the tasks:
   1. Google Auth stuff
   2. Get the ingredients API
   3. Search stuff front end stuff:
   4. Backend database

Eshan+ Pablo: Sign up stuff

Cameron: Skeleton README

Quan: Cucumber (Acceptance testing) Well commented yml file for autorun testing

C

**Other Notes:**

**Date:** Sep 12, 2025

**What did you do since the last meet ?**

Mailed the prof, T.A. responded that all 3 ideas are acceptable to him.

Quan and Eshan agree that the recipe idea sounds really fun and may be the one of most usage if done correctly, however, it may not be the one most straightforward to implement.

Pablo okay with any of the ideas.

Eshan: If any of the ideas are acceptable to them, let’s do the simplest one which I think is the first one (heavy bias as its my idea), my reasoning being that there is no external API being called for that project (its all our own) so in future we won’t have issues such as we need something but the external API does not provide it or the external API provides it under some specialized key.

What things each of us are familiar with:

* Eshan: Mostly backend
* Pablo: Mostly backend
* Quan: Mostly backend

**What will you do till the next meet ?**

* Breaking down the tasks of the first Sprint
* Backend, Front end logic for Sign in
* Backend logic for User, Note API end points
* Front end for notes
* Tests Front end and Backend
* Task management platform for each issue
* DevOPs related stuff such as running the test suite as soon as the code is pushed on the Github repository via CI/CD pipelines

Things independent of the project:

1. Task management thing (like Jira alternative): Use Github group > Quan can do this since he is familiar with it.
2. Push code -> Code goes to Github -> And tests run on Github and they should pass. -> Tests for Ruby, Tests for front end -> Quan
3. Sign in flow backend + front end (Google sign in + Our own custom sign in logic that is independent of any provider) -> Pablo can look into this
4. API for Note, User object. (Maybe look into how the front end stuff and integration tests would be done) -> Eshan would look into it.

**Any Questions ?**

* Doesn’t the recipe API include ingredients and mapping already?

**Other Notes:**

**Date:** Sep 11, 2025

**What did you do since the last meet ?**

For each idea that is being proposed, mention (Please add if something more comes to mind to this list):

1. Purpose / Intended Audience ?
2. What would be done in each sprint (at least 1 and 2)
3. Assess Feasibility (i.e. Rough idea of how to implement it ?) of each sprint/increment implementation ? (Backend + Front end + Testing)
4. Any pain points that come to mind right now regarding the idea?

**Eshan: Note taker app**

Purpose / Intended Audience ? Jotting down TODO lists and writing the kind of “summary” of the day notes people write before going to sleep. (NOT a full blown word processing software such as Google Docs)

Sprint 1 (Basic app up and running):

* Add Sign in and basic note taking functionality (CRUD for each note object)
* This sign in flow should be a standard thing to implement irrespective of the idea
* The text front end should also be straightforward in plain HTML, Javascript given there are tags for multi line text boxes

Sprint 2 (Additional feature: Tag items)

* Adding support for tagging pdf documents and links to a note.
* The pdf documents should be uploaded to our note taker app for tagging.
* The backend implementation should be straightforward given that we could have a list of pdfs against each note.
* A front end viewer would need to be developed for maintaining a list of tagged items and scrolling/reordering/editing/deleting them.

(If time permits) Sprint 3

* Adding support for tagging hyperlinks to the note inside the notes and making it visible in the tagged list view outside.

Though the Sprint 2 could have been performing text formatting (bold, italic, font size) but I feel that goes into more of a full fledge text processor (like Word) rather than a simple note taker for jotting down day to day stuff.

## **Pablo - Spotify Wrapped**

## **Sprint 1 – Foundation & Spotify API Integration**

**Goal:** Set up the core infrastructure and fetch user data.  
**Deliverables:** Working authentication and retrieval of listening stats.

* **Planning & Setup**
  + Define project scope and architecture (frontend, backend, database if needed).
  + Set up GitHub repo, branching strategy, and CI/CD pipeline (GitHub + AWS S3/CloudFront or Vercel).
  + Design basic UI wireframes (homepage, stats page, playlist creation page).
* **Spotify API Integration**
  + Implement Spotify OAuth 2.0 login flow.
  + Fetch user profile info (name, profile picture).
  + Pull listening stats from Spotify Web API:
    - Top artists
    - Top tracks
    - Top genres (derived from artist genres)
* **Frontend**
  + Create basic pages with placeholder UI.
  + Display “Hello [User], here’s your top X” as proof-of-concept.

**Deliverable:** Authenticated user can log in and see their top tracks, artists, and genres for a default timeframe (last 6 months).

## **Sprint 2 – Wrapped Experience & Timeframe Filters**

**Goal:** Build the Spotify Wrapped-like experience with dynamic timeframe selection.  
 **Deliverables:** A polished UI that shows top songs/artists/genres over user-selected ranges.

* **Features**
  + Add timeframe selection: short-term (4 weeks), medium-term (6 months), long-term (all time).
  + Format Wrapped-like summary: Listening Stats
    - Top 5/10 artists
    - Top 5/10 songs
    - Top 3 genres
  + Use charts/visualizations (e.g., bar chart for genres, card-style for artists/songs).
  + Mobile responsiveness.
* **Frontend Enhancements**
  + Add styling for a “Spotify Wrapped vibe” (color gradients, smooth transitions).
  + Add progress animations when revealing stats.
  + Create reusable UI components for artists, songs, and genres.
* **Backend Enhancements**
  + Optimize API calls to reduce latency (cache responses if needed).
  + Handle errors (expired tokens, no listening history).

**Deliverable:** Fully functional Wrapped page with selectable timeframes, animated visuals, and polished UI.

## **Sprint 3 – Playlist Creation & Final Polish**

**Goal:** Let users create playlists and wrap up with deployment/testing.  
 **Deliverables:** End-to-end feature complete site with playlist functionality.

* **Playlist Integration**
  + Allow users to select songs from their Wrapped.
  + “Create Playlist” button → saves selected songs into their Spotify account via API.
  + Auto-generate playlists:
    - “Top Songs of the Year”
    - “Top Songs of Last Month”
  + Confirmation UI (toast: “Playlist created!”).
* **Final Touches**
  + Add ability to share Wrapped (e.g., copy link, share screenshot).
  + Polish UI transitions and error handling.
  + Add loading skeletons/spinners.
  + Run end-to-end testing (manual + automated if possible).
* **Deployment**
  + Deploy to AWS Amplify, S3 + CloudFront, or Vercel.
  + Add custom domain + HTTPS.
  + Document setup and usage in README.

**Deliverable:** Live, shareable website where users can log in, view their personalized Spotify Wrapped over any timeframe, and generate playlists.

**Cameron**

**Recipe Recommender idea**

List of ingredients -> Recipes that can be made using those ingredients.

Dating app for foods.

Ability to list out ingredients.

Connect to a recipe database to recommend recipes corresponding to the ingredients.

Sprint 1

* Authentication (because one may want to store the history of ingredients and favourite recipes)
* Find a database of ingredients
* Find a database for recipes.
* Map ingredients to potential recipes and list them even though not in a pretty way.

Sprint 2

* Saving favorite recipes and ingredients.

Sprint 3:

* Make it pretty.

Very Very Very future idea:

* Recommending a recipe that someone else really liked.

Feasibility:

There has to be a website that stores recipes and ingredients where we can pull it off from. Cameron would update this when he looks into it:

Implementation of mapping ingredients the recipes: Matching problem (not really an ML problem). Cameron would look into this and update the idea:

**Email Draft to Ritchey**

Dear Dr. Ritchey,

I hope this email finds you well. My group and I have been brainstorming potential directions for our project, and we have come up with three ideas that we are equally excited about pursuing. To ensure we align with the course expectations and your expertise, we would greatly appreciate your input on which idea you believe would be the most suitable for us to move forward with.

Here are the three project ideas:

1. **[Idea 1 – one-sentence description]**
2. **[Idea 2 – one-sentence description]**
3. **[Idea 3 – one-sentence description]**

We would be grateful if you could let us know which of these you feel would be the best fit for the project, or if you have any suggestions on how we might refine them further.

Thank you for your time and guidance—we look forward to hearing your thoughts.

Best regards,  
Eshan  
On behalf of Group 1

**What will you do till the next meet ?**

Mailing the prof to get approval on one of the ideas, Eshan would do it.

Cameron: Look into the existence of the databases for recipes and ingredients and potential Matching algorithms for listing out ingredients -> recipe mapping

**Any Questions ?**

Q1. Eshan:

* Spotify based authentication, stat getter and playlist creator (APIs), does API exist for all of these ?
* Answer: Yes

Q2. Any monetary cost involved ?

* For personal, use no

Q3. For the 3rd idea are there any existing ingredient and recipe databases?

* For ingredients <https://openfoodfacts.github.io/openfoodfacts-server/api/> OR <https://fdc.nal.usda.gov/api-guide>
* For recipes <https://www.themealdb.com/api.php> OR <https://developer.edamam.com/edamam-docs-recipe-api/>

Q4. Is there a mapping algorithm for ingredients -> recipes ?

* Filtering the ingredients to all lower case, etc followed by a fuzzy match and a Jaccard Score.

**Other Notes:**

**Date:** Sep 10, 2025

**What did you do since the last meet ?**

**Prof suggests Github something for managing things like stories for Jira**

Eshan:

* Online code editor (not preferred) to compile code and executed
* Note taker app to store notes for each user (and maybe extend it with other documents like pdf files)
* Two Sprints: 1. Make the note saving system in the first sprint. 2. Sprint 2 can include starring or summarizing or adding other kinds of documents (like pdfs tagged to notes)

Pablo (clone of statsforspotify.com):

* Website that would show you your spotify wrapped. Spotify wrapped will compile your top artists of the year, top songs of the year, and top genres of the year that you listened to. We can edit it to where we can change the time frame. A user wouldn't have to wait till the EOY to get it. There is an API that we might be able to use.
  + Sprint 1: set up user authentication
  + Sprint 2: Access the data to compile artist and songs listened
  + Sprint 3: Create playlist from stats. make it look pretty

Quan:

* rspotify to call Spotify Web API
* omniauth-spotify for the OAuth handshake
* Postgresql heroku

Cameron:

* Smart Recipe Recommender (Given Ingredients in Kitchen)
* Mapping Project (Given a maps API)
* Maybe a tracker app for habits, things to do?

**What will you do till the next meet?**

Let’s all of us assess the ideas we are aligned with and:

1. Come up with what we are doing per sprint (1 week), 1 feature per sprint, at least 2 sprints
2. Figure out how to do the proposed thing per sprint ?

After assessing, let’s meet tomorrow night and mail the findings to the prof to get his approval for which idea to go ahead with.

Mon: Physical Meet

Tue: Cameron can’t meet after 6:00, Pablo can meet only after 5:30, So let’s meet 6:00 to 6:30 (Pablo can attend, Cameron can’t)  
Wed: Physical Meet

Thurs: Cameron can’t meet after 6:00, Pablo can meet only after 5:30, (let’s meet 4:00 to 4:30 so that Cameron can attend and Pablo can’t)  
Fri: All are free, so let’s meet 5:30 to 6:00 p.m

Let’s do 5:00 -5:30, works for all (Cameron needs to confit)

**Any Questions ?**

* Can we email the professor with our idea? Yes.
* Doesn’t the recipe API include ingredients and mapping already?

**Other Notes:**

Eshan: I check discord once/twice per day, so if something urgent comes up, please message me or call, I’ll surely respond.

Quan: github group for milestones + push and comment for final eval

**Tomorrow let’s meet at night at 10:00 - 10:30 pm.**