

**A FINAL PROJECT IN IT-332: INTEGRATIVE PROGRAMMING  
AND TECHNOLOGIES**

# **FOODFUSION**

## **RECIPE STORING MODULE**



**BALMES, CRISTIAN KING F. | MARIANO , ROBIN R. | PIZARRA, DIEGO B.  
SUBMITTED TO : MRS.NIÑA AGUILA**

# FOODFUSION: RECIPE STORING MODULE

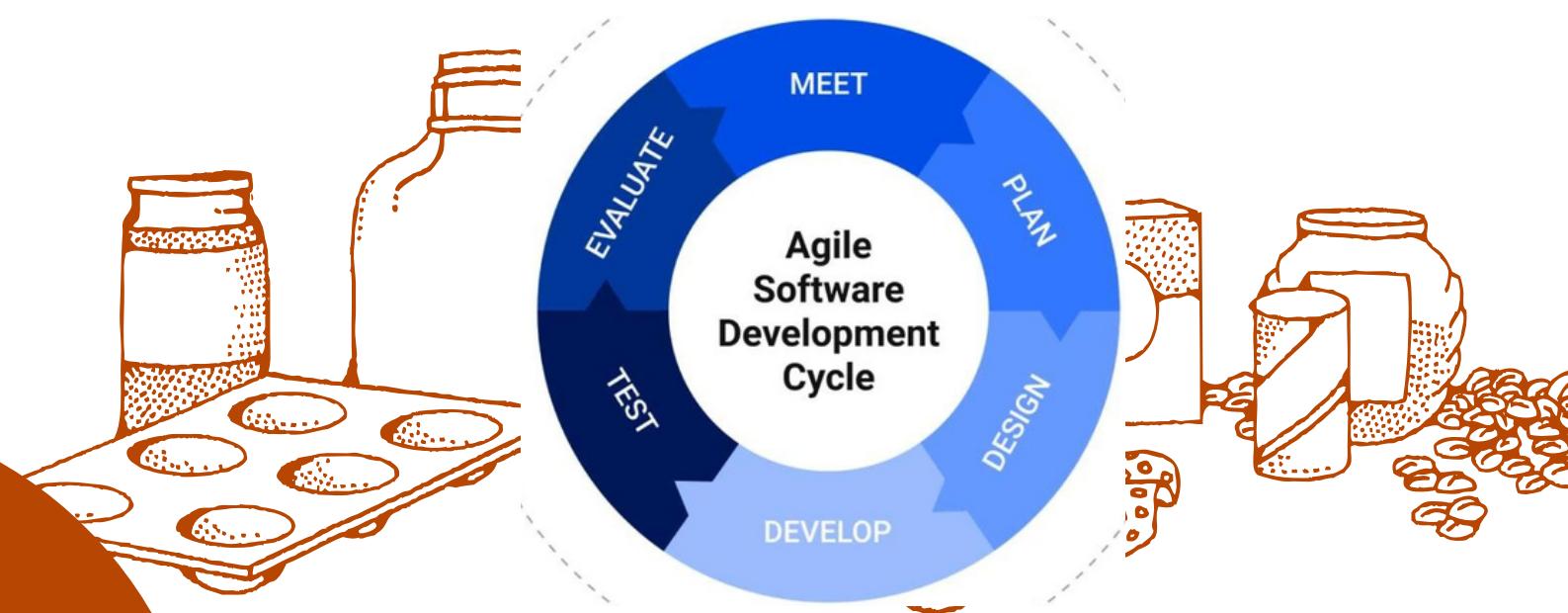
## PROJECT DESCRIPTION

Social media platforms, which may connect people worldwide, have been extremely crucial in this modern day in achieving long-distance communication. For common social networks like Facebook and Instagram, the material posted on these channels typically includes a high degree of diversity. If the social network lacks a defined topic, such as food, users who want to search for specific relevant information, such as food recipes, may run into difficulties.

Back when the discovery of the internet was yet to be found, finding new recipes required relying on cookbooks, family recipes, and suggestions from friends. Nevertheless, a large number of recipes are now available online thanks to the internet,

Individuals have a harder time finding recipes that they can cook with the ingredients available to them. Therefore, a food recipe finder is suggested in order to address this issue. The Recipe Finding Platform that allows individuals to connect and insert ingredients to find recipes they can create is the project's final delivery.

## DEVELOPMENT MODEL



The team used the Agile methodology for the application development which includes Planning, Designing, Developing, Testing and Evaluation.

# **FOODFUSION: RECIPE STORING MODULE DEVELOPMENT MODEL**

## **PLANNING**

In this phase the team talk about the project's goal which is to create a Recipe Finding Platform (Storing Recipe Module) The Application requirements provide the users to store recipes in the database.

## **DESIGNING**

The Designing phase the team assess the tools to be used in the development of the application having a wireframe samples and designing layouts for the actual application The team intend to make it a user-friendly for users to use.

## **DEVELOPING**

The Team have started the developing process in this phase. the design of the layout used in the designing phase will be made. The team will develop the application based on the requirements gathered in creating the application.

## **TESTING**

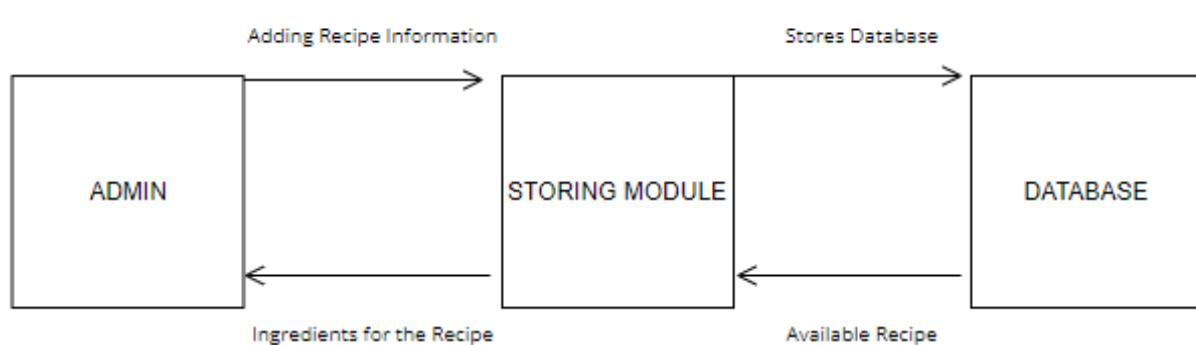
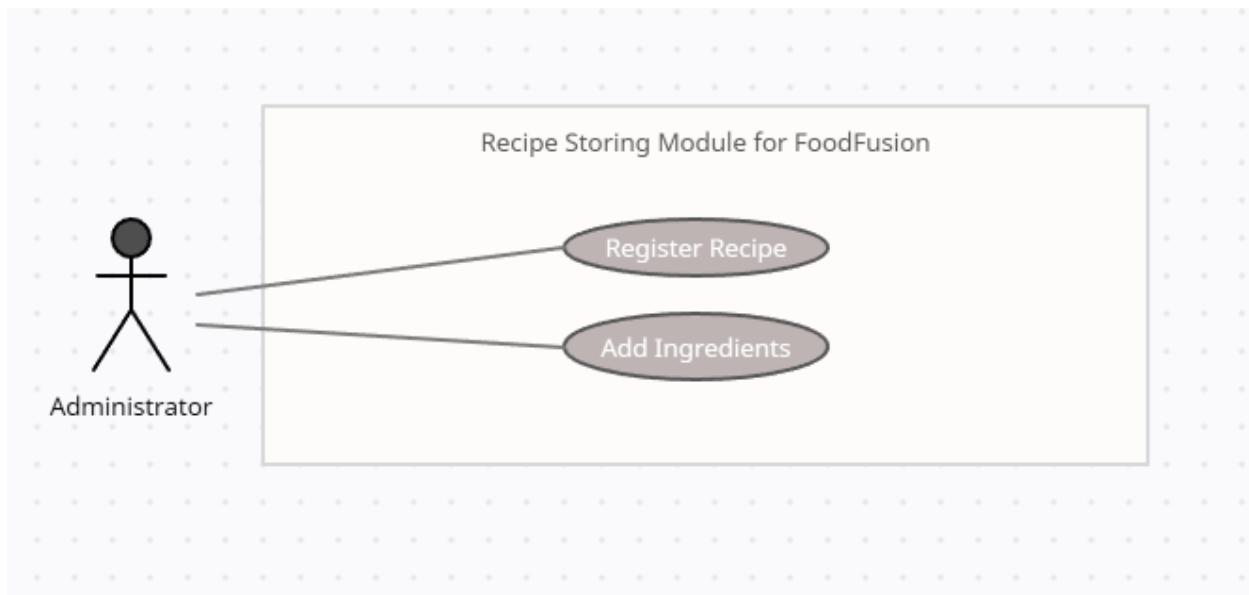
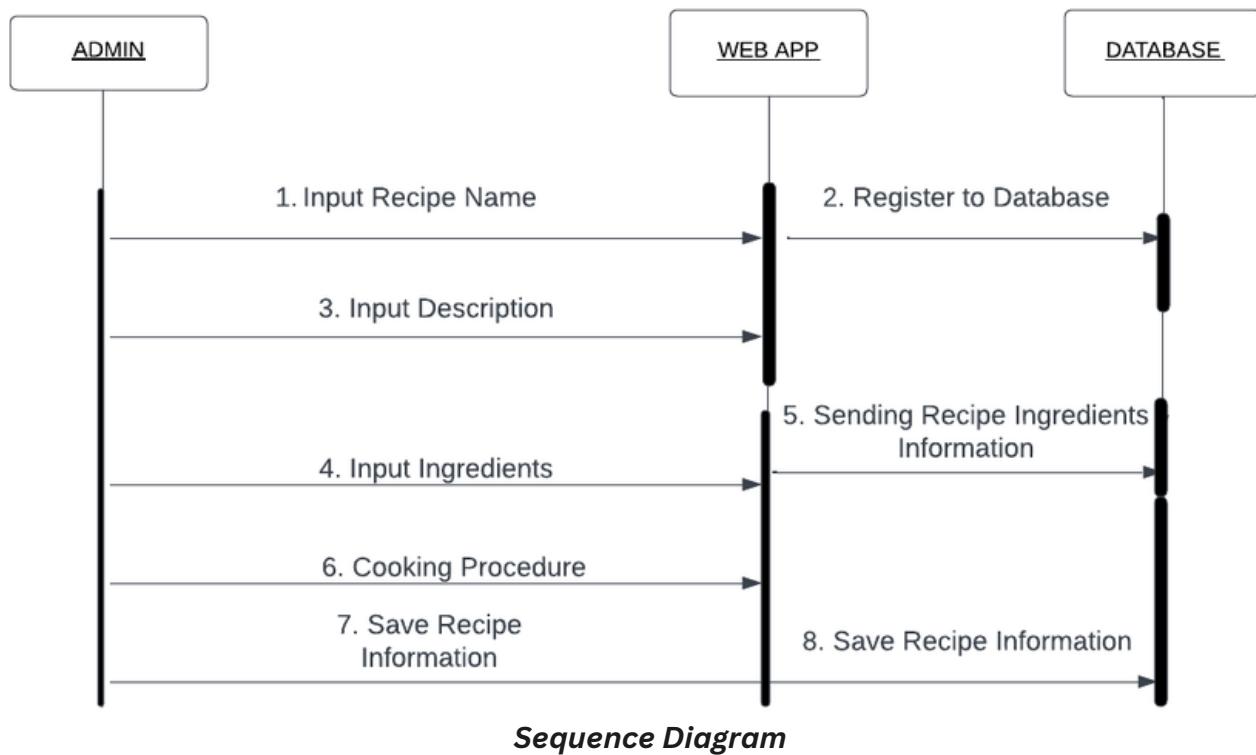
Once the developing phase is completed, the team will run series of test to check if the application is working and no errors is happening for the users to be satisfied.

## **EVALUATE**

The team at this phase will monitor any issues that may occur on the application and will resolve the issue if it appears.

# FOODFUSION: RECIPE STORING MODULE

## SYSTEM ARCHITECTURE

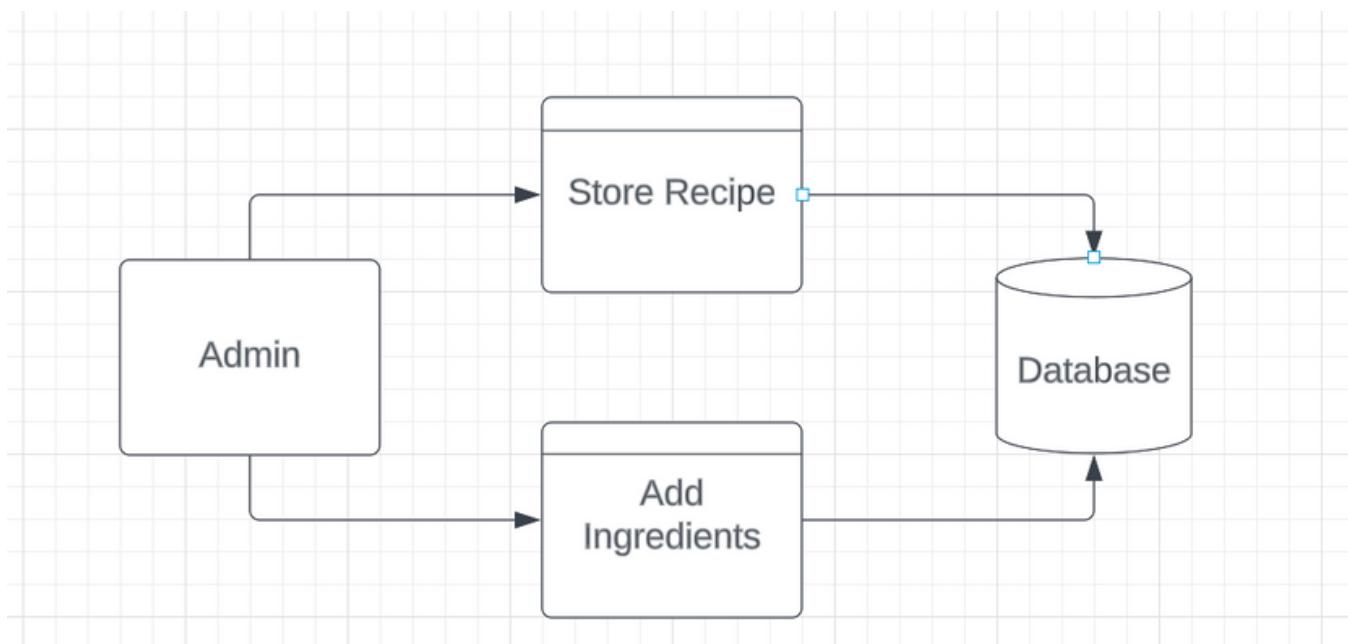


# FOODFUSION: RECIPE STORING MODULE

## SYSTEM ARCHITECTURE



*Database Diagram*



*Data Flow Diagram*

The Team present the diagrams above to show the users how to interact with the application. It illustrates that in the Storing of Recipe Module the admin can add recipes where user will input ingredient to find available recipes for them to cook.

# BALMES CRISTIAN KING F.

## EDUCATION

- 2020- PRESENT      Bachelor of Science in Information Technology  
Batangas State University Alangilan Campus  
Rizal Avenue Extension, Batangas
- 2018-2020      Asian Institute of Computer Studies  
Batangas
- 2013-2018      Batangas National High School
- 2007-2013      Alangilan Central Elementary School



## CONTACT



### Address

Brgy. Alangilan  
Batangas City



### Phone

+63 920 721 4349

## SKILLS AND ABILITIES

- HTML
- MICROSOFT OFFICE
- PHOTOSHOP
- COMPUTER FORMATTING

# MARIANO ROBIN R.



## EDUCATION

2020- PRESENT	Bachelor of Science in Information Technology Batangas State University Alangilan Campus Rizal Avenue Extension, Batangas
2018-2020	Information Communications Technology (ICT) STI College Lipa C.M. Recto Avenue Lipa City, Batangas
2014-2018	Junior High School Diploma Dr. Juan A. Pastor Memorial National High School Brgy. Talaibon, Ibaan, Batangas

## ACHIEVEMENTS

2017	Computer Hardware Servicing NC II Certificate
Achieved competencies required to doing repairs and maintenance on the physical components of a computer.	

## CONTACT



### Address

Brgy. Matala, Ibaan,  
Batangas 4230  
Philippines



### Phone

+63 998 556 4827

## SKILLS AND ABILITIES

- Computer Literate
- Easily Adaptable
- Open-mindedness
- Creative Problem Solving
- Adaptability in working environment
- Active listening
- Time management
- Multitasking
- Decision-making

# PIZARRA DIEGO B.

## EDUCATION

- **2020- PRESENT**      Bachelor of Science in Information Technology  
Batangas State University Alangilan Campus  
Rizal Avenue Extension, Batangas
- **2018-2020**      Science Technology Engineering & Mathematics  
The Mabini Academy  
TM Kalaw St, Balintawak, Lipa City, Batangas
- **2014-2018**      Junior High School Diploma  
The Mabini Academy  
TM Kalaw St, Balintawak, Lipa City, Batangas

## ACHIEVEMENTS

- **2020**      DOST SEI Scholarship Examination  
One of the 10,000 students in the Philippines that passed the examination and qualified for the scholarship.



## CONTACT



**Address**  
Brgy. Sampaguita,  
Lipa City, Batangas  
4230 Philippines



### Phone

+63 965 336 2423

## SKILLS AND ABILITIES

- Adobe Photoshop
- Davinci Resolve
- Computer Literate
- Easily Adaptable
- Open-mindedness
- Problem Solving
- Time management
- Multitasking
- Decision-making

# FOODFUSION: RECIPE FINDING PLATFORM

## GITLAB REPOSITORY

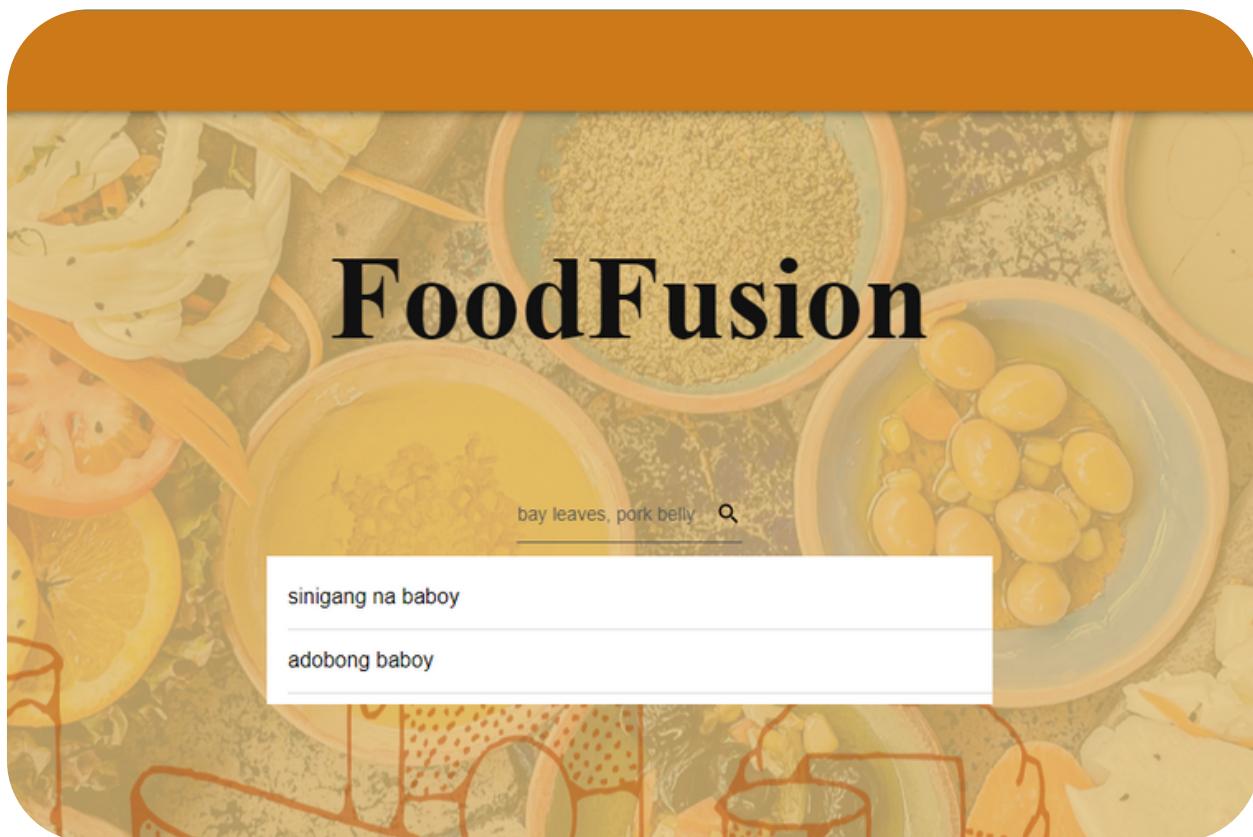
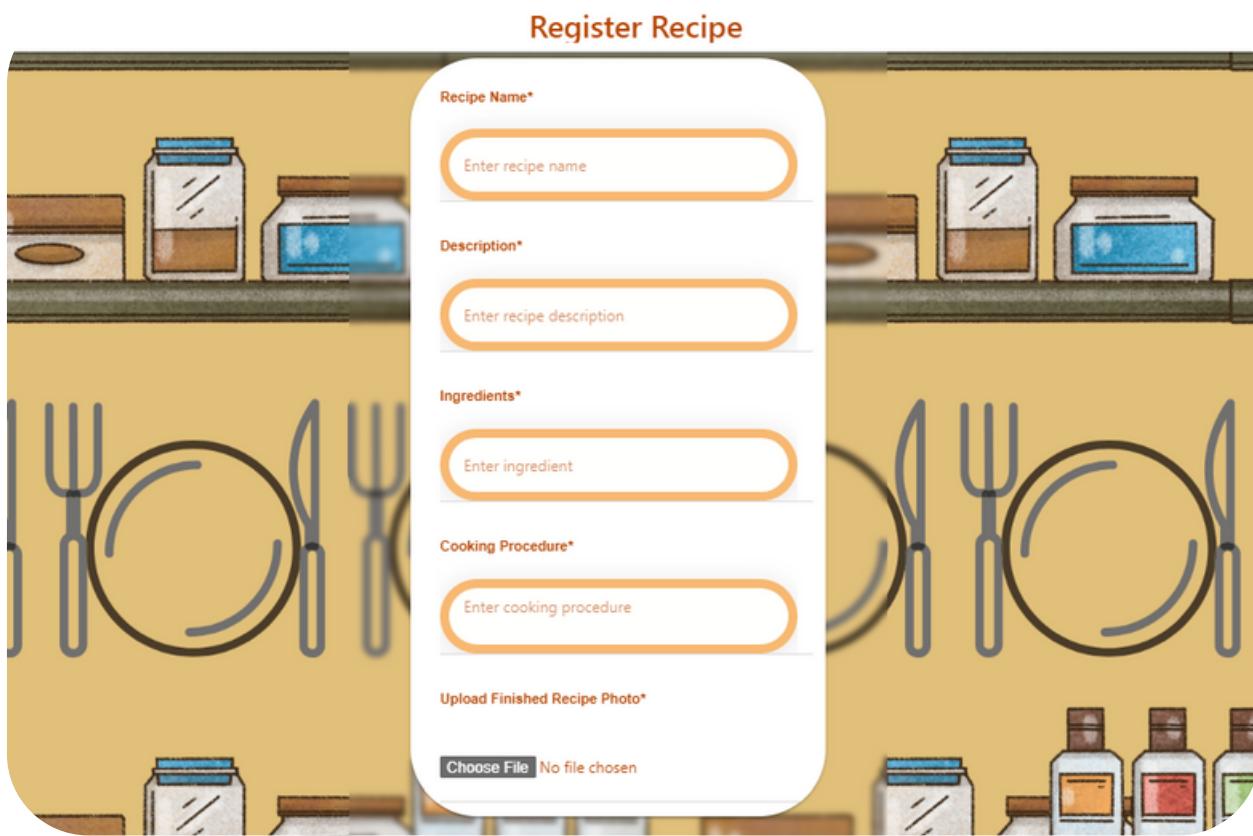
LINK TO REPOSITORY: [HTTPS://GITHUB.COM/ROBINMARIANO/FINAL-SUMMER-PROJECT](https://github.com/ROBINMARIANO/FINAL-SUMMER-PROJECT)

The screenshot shows the GitHub repository page for 'Final-Summer-Project'. At the top, there's a header with the repository name and a search bar. Below the header, there are navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The main content area shows a list of files and commits. A commit by 'ck-balmes' is highlighted, showing changes to README, .vscode, src, test/test-app, .browserslistrc, .editorconfig, .eslintrc.json, .gitignore, and several files added via upload. The repository has 1 branch and 0 tags. There are buttons for Go to file, Add file, and Code.

File / Commit	Type / Description	Last Modified
ck-balmes update readme	final code	15 hours ago
.vscode	final code	16 hours ago
src	final code	16 hours ago
test/test-app	final code	16 hours ago
.browserslistrc	final code	16 hours ago
.editorconfig	final code	16 hours ago
.eslintrc.json	final code	16 hours ago
.gitignore	final code	16 hours ago
361682341_644428500947662_72457...	Add files via upload	20 hours ago
361825786_295263319689851_43447...	Add files via upload	20 hours ago
.gitignore	final code	16 hours ago
361682341_644428500947662_72457...	Add files via upload	20 hours ago
361825786_295263319689851_43447...	Add files via upload	20 hours ago
FoodFusion-modified.png	final code	16 hours ago
README.md	update readme	15 hours ago
Untitled.png	final code	16 hours ago
angular.json	final code	16 hours ago
capacitor.config.ts	final code	16 hours ago
firebase.json	final code	16 hours ago
ionic.config.json	final code	16 hours ago
karma.conf.js	final code	16 hours ago
package-lock.json	final code	16 hours ago
package.json	final code	16 hours ago
tsconfig.app.json	final code	16 hours ago
tsconfig.json	final code	16 hours ago
tsconfig.spec.json	final code	16 hours ago

# FOODFUSION: RECIPE STORING MODULE

## SCREENSHOTS



CANVA DESIGN