

Project (Individual) Proposal Form

Project Title: Social media platform for foods (Yum Yum App)

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Students Qualifications: Knowledge of Android Studio, Java, SQLite, APIs, FireBase

Statement of Problem

Food is a fundamental factor in human life. That is why failure to prepare and find a proper food recipe is one of the main problems that people face with today's busy life. In this way, a separate study on new food recipes and how to prepare them with the busy lifestyles of people. Due to the fact that many people do not set aside time for food, fast food is more developed in today's society. Because of this, people's bodies are prone to new diseases. We can recommend a way to properly socialize all the information through a single app. Through this app, people can easily socialize popular cultural items such as recipes and new food methods and for that by sharing the relevant information on this app and liking it. New information can also be released in the social network through comments. Food is one of the basic factors in human life. Irregular eating patterns are a major factor in hindering the progress of people. That is why we introduce new food patterns and recipes easily through a single app. This irregular eating pattern can be minimized through diet.

Brief Description of the Project

This is a social media app based on food, providing a single space for food lovers who want to communicate with other food enthusiasts, share ideas, invent new food recipes, create their own food recipe list, post, share experiences with others, and discover new dishes. We understand that your time is valuable, and we are here to help you find the best restaurants, recipes, and culinary experiences all in one easy-to-use app. With our app, you can browse curated lists of popular restaurants, search for specific dishes or cuisines, and receive personalized recommendations from other users. You can also create and share your own food posts, including recipes and restaurant recommendations, and even book restaurant reservations. Our app makes it easy for you to pay for your food online and avoid the hassle of waiting in line or dealing with cash. Whether you are a seasoned foodie or just starting on your culinary journey, our app can help you discover new dishes, connect with other food enthusiasts, and make the most of your time. Our platform provides a space for people to share their love of food and create a community that celebrates culinary diversity and creativity.

Objectives

- To attract a minimum of 10,000 registered users within the first six months of launching the app.
- To curate a database of at least 5,000 recipes and 1,000 restaurants within the first year of launching the app.
- To encourage at least 50% of registered users to share at least one recipe or restaurant recommendation per month.
- To enable users to book at least 50 restaurant reservations through the app each month.
- To foster a community where users engage in at least 1,000 conversations about food-related topics each week.
- To maintain a minimum user rating of 4 stars on both the Google Play Store and the Apple App Store.
- To provide at least 2 major updates to the app each year, based on user feedback and industry trends.
- To attract at least 500 food businesses to advertise on the app within the first year of launching the app.

Technical Approach and Expected Deliverables

1. Hardware Requirement

- CPU : Intel i5 10 gen processor or above
- Capacity:30 GB of Hard drive or above
- RAM requirement : 12 GB minimum if you run using Emulators.
- Android Smart Phone.
- Data Cable

2. Software tool and technologies Requirement

- Android Studio
- Java, SDK
- Emulator
- SQLite
- API – (Application Programming Interface)
- Figma – for High level wireframe
- Blanqui – for Low level wireframe

References

[1] *Android Developers Documentation* | *Documentation sheet*

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[2] *Developers* | *Android Studio*

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[3] *balsamiq software, wireframes* <https://balsamiq.com>

[4] *Figma* | *Ui design* <https://figma.com>