

About Codersarts

Get your Programming Tasks done & 1-on-1 Mentorship



Codersarts is a trusted and top-rated website for programming help. Get help from vetted **software developers, engineers, ML researchers, and programming experts.**

Codersarts is a leading provider of technology solutions, including software development, programming assistance, and coding tutorials. The company was founded with the goal of democratising technology education and making it accessible to everyone.

Codersarts has a team of experienced and qualified professionals who are passionate about helping people learn and grow. The company offers a variety of services, including:

- **Software development:** Codersarts can help businesses of all sizes to develop custom software solutions. The company's team of experienced developers can work on projects of all sizes and complexity.
- **Programming assistance:** Codersarts can provide programming assistance to students, professionals, and businesses. The company's team of experts can help with everything from debugging code to writing complex algorithms.

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- **Coding tutorials:** Codersarts offers a variety of coding tutorials on a variety of topics. The company's tutorials are designed to help people of all skill levels learn to code.

Codersarts is committed to providing its clients with high-quality services and support. The company has a proven track record of success in helping businesses and individuals to achieve their goals.

About Codersarts AI

Codersarts AI is a division of Codersarts that provides AI development services and machine learning solutions. The company's team of experienced AI experts can help businesses of all sizes to leverage the power of AI to improve their operations, increase efficiency, and gain a competitive edge. Codersarts AI offers a wide range of AI services, including consulting, development, integration, and support. The company is committed to helping businesses succeed in the age of AI.

Codersarts AI offers a wide range of AI services, including:

- **Consulting:** Codersarts AI can help businesses to identify AI opportunities and develop AI strategies.
- **Development:** Codersarts AI can develop custom AI solutions for businesses, including machine learning models, natural language processing systems, and computer vision systems.
- **Integration:** Codersarts AI can help businesses to integrate AI solutions into their existing systems and workflows.
- **Support:** Codersarts AI provides ongoing support to businesses to help them get the most out of their AI solutions.

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Codersarts AI is committed to helping businesses succeed in the age of AI. The company's team of experts has a deep understanding of AI technologies and a proven track record of success in delivering AI solutions to businesses of all sizes.

About Codersarts Training

Codersarts Training is a division of Codersarts that provides training services on a variety of programming languages and technologies. The company's team of experienced trainers can help individuals and businesses of all sizes to learn new skills and improve their existing skills.

Codersarts Training offers a variety of training courses, including:

- Programming languages: Python, Java, JavaScript, C/C++, etc.
- Web development: HTML, CSS, JavaScript, React, Vue, etc.
- Mobile development: Android, iOS, etc.
- Machine learning
- Data science
- Artificial intelligence

Codersarts Training also offers customised training programs to meet the specific needs of businesses and individuals. Codersarts Training is a trusted provider of high-quality training services. The company has helped thousands of individuals and businesses to learn new skills and achieve their goals.

If you are interested in learning more about Codersarts Training, please visit the company's website or contact the company's team of experts.

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Visit websites:

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Yelp Api App

Introduction:

In this assignment, you are tasked with creating an Android application named "YOUR_NAME Yelp." The app is designed to provide users with a seamless restaurant discovery experience. Upon launching the application for the first time, users will see a list of default restaurants, but the core functionality will revolve around searching for restaurants, sorting search results, and saving favorite restaurants. To populate the application with restaurant data, you will integrate the Yelp Fusion API, which offers comprehensive information about businesses, including restaurants.

Part 1: Search Restaurants

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Users will have the ability to input search terms like "sushi," "steak," or "bbq" to view search results. The search functionality should be intuitive and easy to use. Users should also be able to clear their search input.

Part 2: Sorting Results

Sorting functionality will allow users to organize search results based on rating and price criteria. The guidelines for sorting are as follows:

1. Sorting by Rating:

- Restaurants should be ordered from the highest rating to the lowest rating.
- Utilize the rating value provided by the Yelp Fusion API for ordering.
- In cases where rating information is unavailable, place the restaurant at the bottom of the list.

2. Sorting by Price:

- Restaurants should be ordered from the cheapest to the most expensive (e.g., \$\$\$\$\$).
- Use the price data provided by the Yelp Fusion API for sorting.
- In cases where price information is unavailable, place the restaurant at the top of the list.
- Seamlessly integrate the sorting functionality into your application, allowing users to select their preferred sorting criteria for search results.

Part 3: Add Restaurants to Favorites

Users should have the option to add restaurants to their list of favorites. This can be achieved by clicking on a restaurant item in the search results. A confirmation dialog should appear, asking the user if they want to add the selected restaurant to their favorites. If confirmed, the restaurant should be stored in a database to ensure persistence across application restarts.

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To access their favorite restaurants, users can swipe right on the screen to open the navigation drawer and select the "Favorites" option. The navigation drawer should also include a header displaying the application's name.

API Integration and Key Considerations:

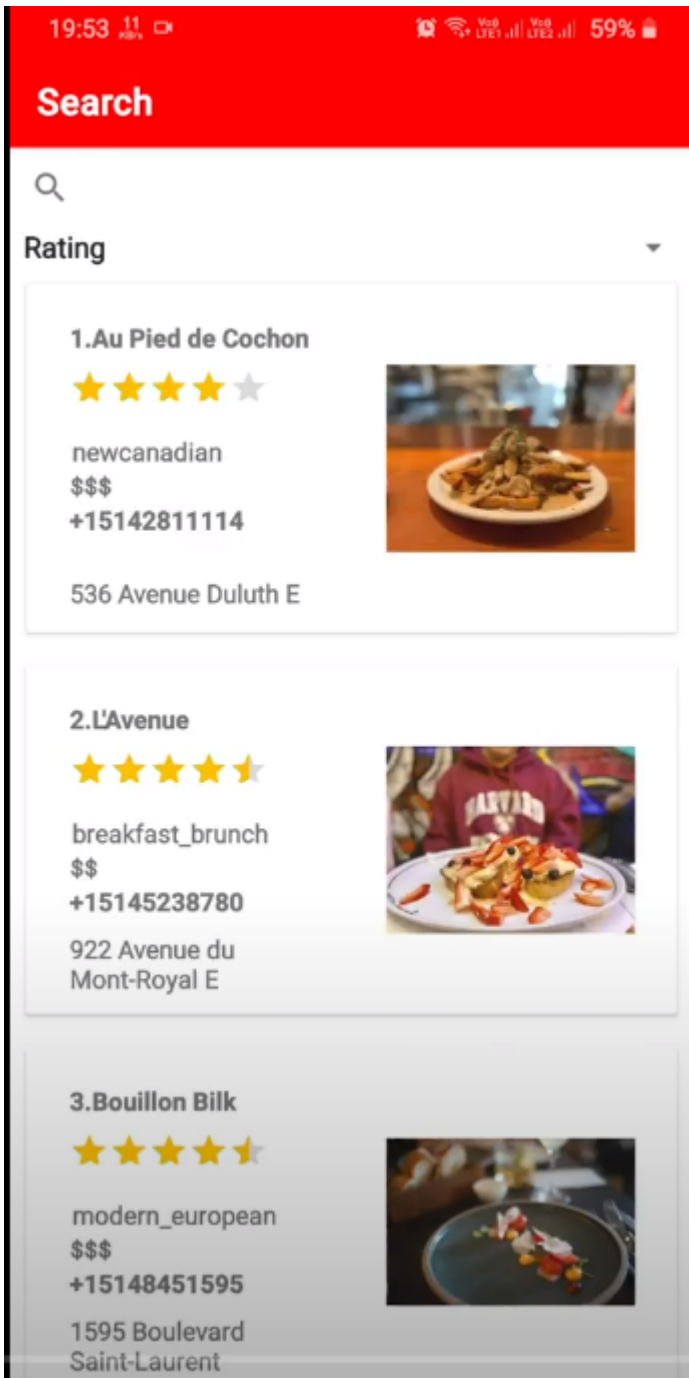
To fetch restaurant data, you will need to integrate the Yelp Fusion API into your application. This requires registering for an account with Yelp and obtaining an API key. The API key serves as a unique identifier for authenticating requests and accessing the API's features.

Be sure to carefully review Yelp's API documentation and guidelines to understand how to use the API effectively. Familiarize yourself with the available endpoints, parameters, and response formats to fetch and display accurate restaurant data within your application.

Project Outcome:

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By completing this assignment, you will develop a practical Android application that empowers users to search for, sort, and save their favorite restaurants. You will gain valuable experience in integrating external APIs, implementing search and sorting functionality, and managing user preferences for restaurant favorites. This project will

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enhance your Android development skills and provide a user-friendly restaurant discovery tool for your users.

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