

User interface:

This is the part of the application that users interact with to find businesses, read reviews, and carry out other tasks. It includes web and mobile interfaces.

Frontend Load Balancer:

Distributes incoming requests from users across multiple web servers to ensure high availability and load balancing.

Web Servers:

Receive incoming HTTP(Hypertext Transfer Protocol) requests from users, handle them, and get in touch with the backend to retrieve or update data.

Business Logic Layer:

Contains our applications business logic, such as user authentication, business listings, reviews, ratings, and other features.

User Management:

Manages user accounts, authentication, and authorization.

Databases:

Store various types of data, including business information, user profiles, reviews, ratings, and more.

Search Service:

This component handles the search functionality, enabling users to search for businesses and reviews efficiently.

Authentication Service:

This component manages user authentication and authorization. It handles user login, registration, token generation, and validation of user credentials.

External APIs:

Represents external services and APIs used for third-party integrations. For example using google, facebook, or ETC to login or create an account.