



WHAT WE WILL BUILD

The Architecture

The front-end architecture will consist of 2 applications:

- Web-based: The **web application** front-end will be built using [ReactJS](#) libraries, including [bootstrap](#) and [reactstrap](#).
- Mobile: The **native mobile application** will be developed using [React Native](#) libraries, including [nativebase](#).

Web Application

Welcome, hair54! Home Menu Account

Recommended for you!

Diet Cola

Have one of these with a smile and no guilt

Add this to Order

Your Current Cart

TOTAL: \$0.00

Item NameOptionsPrice

Checkout

Chat to Order!

Add New Item

Pizza Subs Sides

Supreme Pizza

Just about every topping you'll need to satisfy your appetite.

Small

\$ 5.99

Add to Order

Ultimate Pizza

An array of delectable toppings served piping hot on top of our classic crust.

Small

\$ 6.59

Add to Order

Meat Lovers Pizza

There is pepperoni, and bacon, and

Large

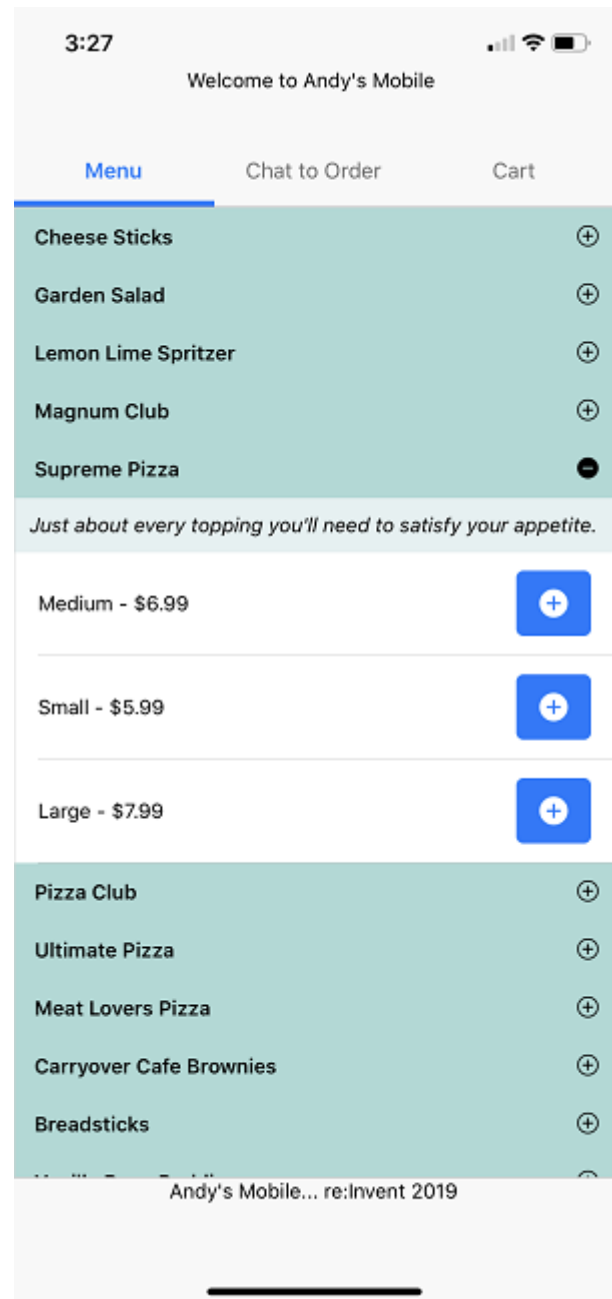
\$ 7.99

Add to Order

Mobile Application

https://mob302.learn-the-cloud.com/overview/what-we-build/

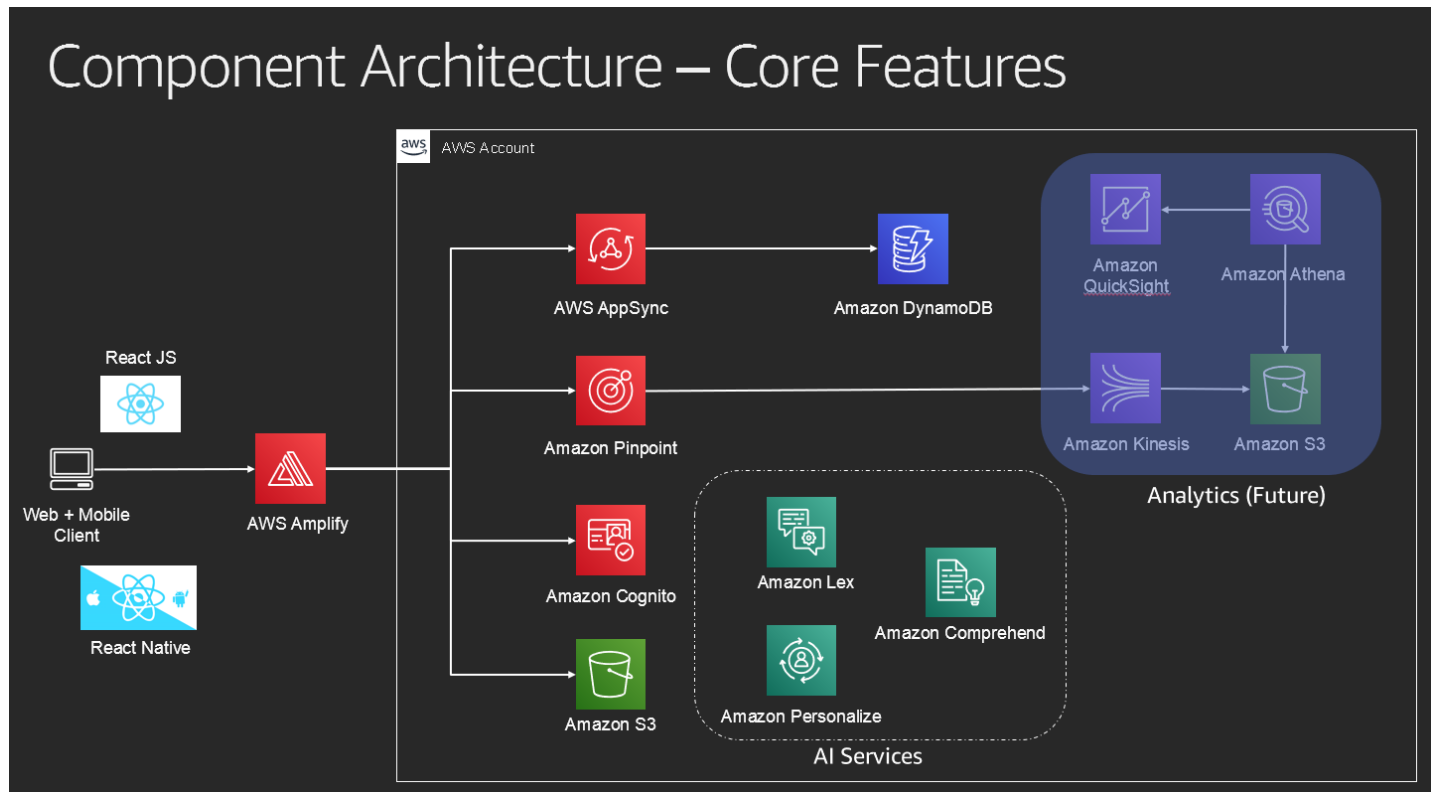
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The backend architecture will consist of the following AWS components:

- Amazon Cognito: Authentication
- AWS AppSync: GraphQL APIs
- AWS Amplify: React Components, Libraries and AWS CLI toolchain
- Amazon S3: Web Hosting
- Amazon Comprehend: Natural Language Processing for sentiment and phrase extraction
- Amazon Lex: Natural Language Understanding and Chatbot capabilities
- Amazon Personalize: Recommendation Engine

- Amazon DynamoDB: Data Storage



The final application will be a functioning web and mobile app built using AWS technologies.

Warning

DISCLAIMER: The application that you create in this workshop has not been tested to enterprise strength. It is intended to provide examples for educational purposes only.

