PickNEat App

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The Problem

Imagine when it takes too long to decide which restaurant to have dinner together because everyone has different preferences (food type, price range, distance, etc...).

We need a tool that takes everyone's opinions into consideration and fairly produces the best possible result.
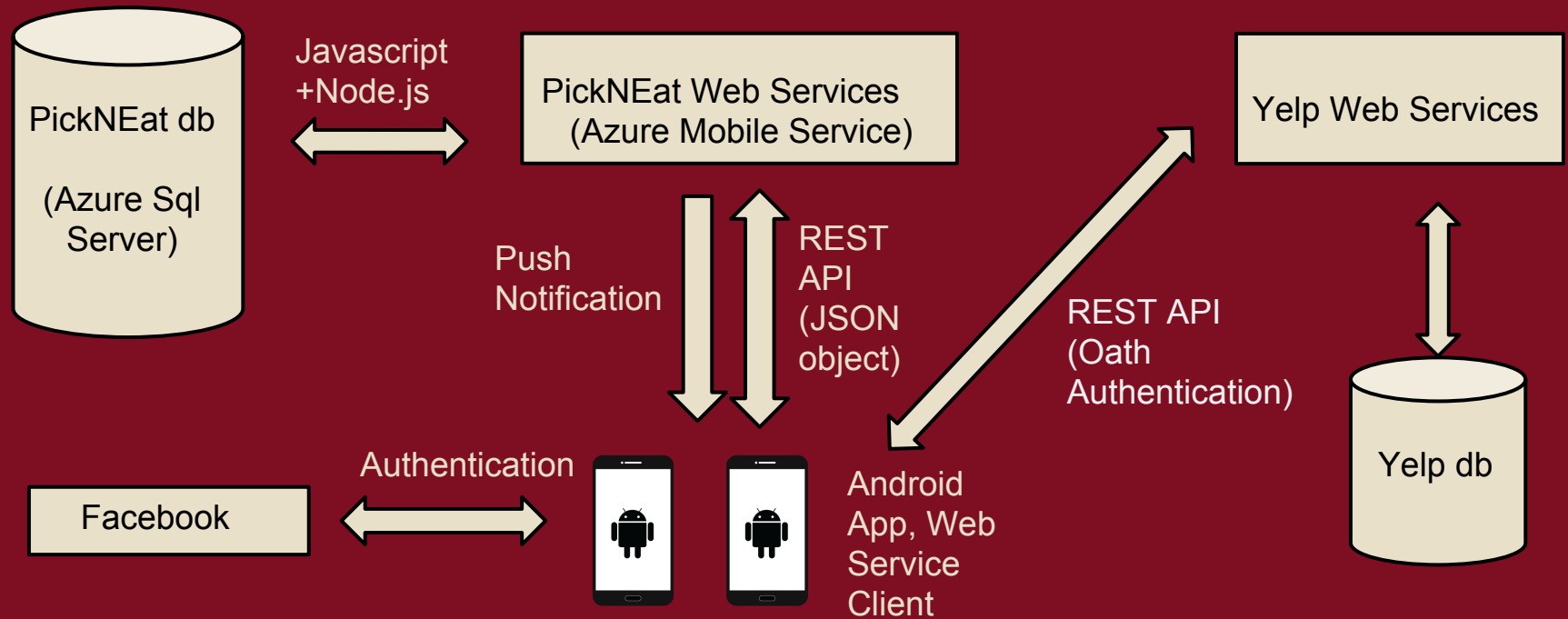
Solution: App Description

- An app for a group of friends to cast votes for the kind of restaurant they prefer (food type, price, distance, etc…)
- Users can use their facebook accounts and add their friends to the voting section
- Based on voting result, the app find suitable restaurants using Yelp with ratings and reviews
- This saves group discussion time for more fun activity time
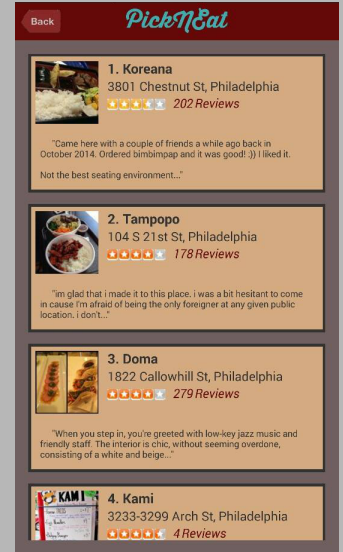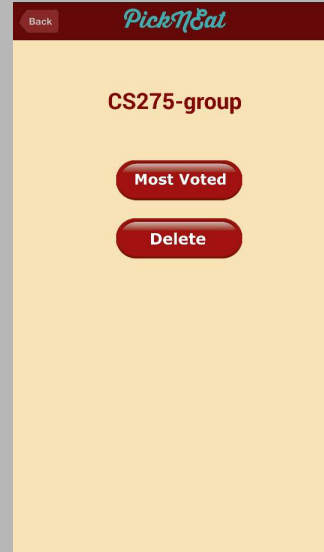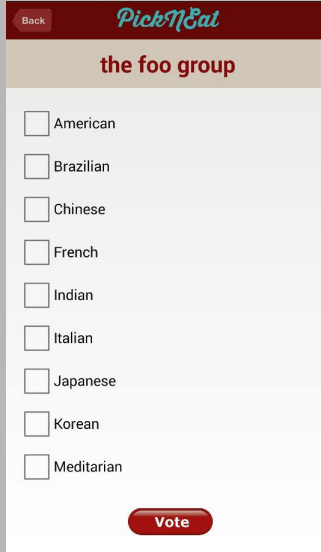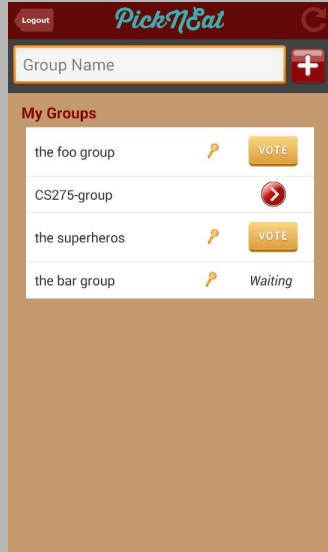
Features

- Ability to login to the app via Facebook
- Ability to create groups of invited friends
- Ability to invite friends via Facebook
- Ability to get best match restaurants based on Yelp's ratings and reviews

App Architecture

PickNEat db

(Azure Sql Server)

Javascript +Node.js

PickNEat Web Services (Azure Mobile Service)

Yelp Web Services

Push Notification

REST API (JSON object)

REST API (Oath Authentication)

Authentication

Facebook

Android App, Web Service Client

Yelp db

App Design

Development Tools

- Repository: BitBucket
- Cloud Database: Azure Sql Server
- Services: Azure Mobile Services, Google Cloud Messaging Service, Yelp API
- Libraries: Android Sdk, Facebook Sdk, Azure sdk
- Platform: Node.js, Android
- Backend Service: JavaScript

Demo

Conclusions

Questions