Legend:

□ : Server

○ : Database

[mobile] : Mobile Client

Mlab (Prod Database)

Express API
· holds only API info
· handles routing and calls to <bazaar_url>/ api/*

repo

user & service data

{
  "services":[
    {
      "tags":[

      ],
      "_id":"5bb61d3fde8678157c7eb192",
      "description":"Generic description",
      "__v":0
    },
    {
      "tags":[

      ],
      "_id":"5bb61f0c47709715cfb87cb0",
      "description":"Generic description",
      "__v":0
    },
  ]
}

Response given

Response given

Request made

Request made

fetch("https://bazaar-backend.herokuapp.com/api/services");

fetch("https://bazaar-backend.herokuapp.com/api/services");

{
  "services":[
    {
      "tags":[

      ],
      "_id":"5bb61d3fde8678157c7eb192",
      "description":"Generic description",
      "__v":0
    },
    {
      "tags":[

      ],
      "_id":"5bb61f0c47709715cfb87cb0",
      "description":"Generic description",
      "__v":0
    },
  ]
}

React Frontend
· Handles all UI and routing
· Makes calls to API

repo

React Native (mobile client)
· Self-contained app
· developed locally
· Also makes calls to API

Excerpt from App.js

```
// typical React imports
import React, { Component } from 'react';

// Anonymous JSX Component.
const App = () => {

    // "fetch" Makes API call.
    const services = fetch("https://bazaar-backend.herokuapp.com/api/services");

    // prints out returned JSON.
    console.log(services);
}

export default App;
```
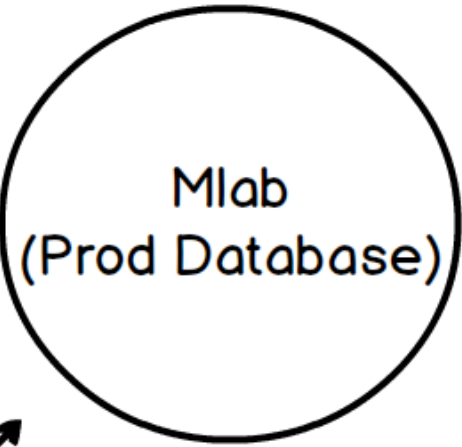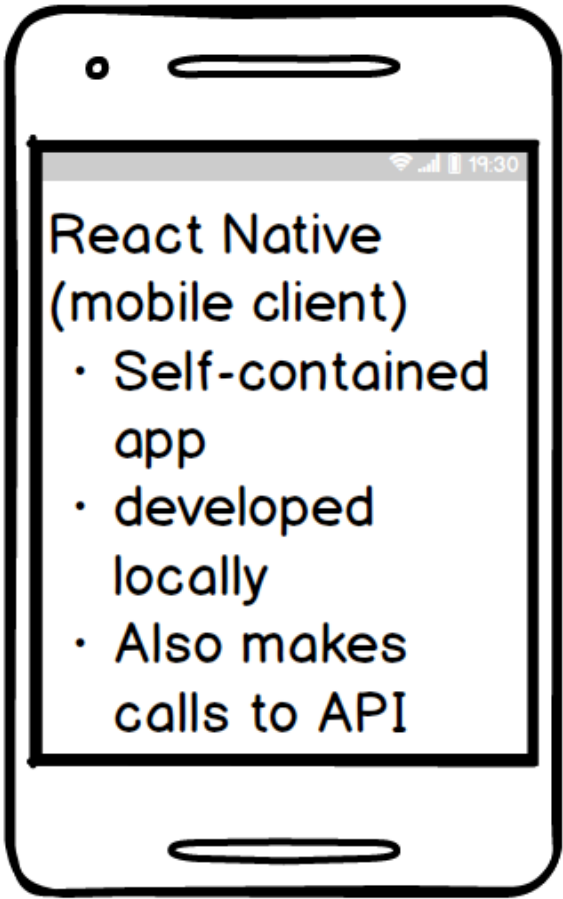
Excerpt from index.js

```
// typical React Native imports
import React from 'react';
import { Text, AppRegistry } from 'react-native';

// Anonymous JSX Component.
const App = () => {

    // "fetch" Makes API call
    const services = fetch("https://bazaar-backend.herokuapp.com/api/services");

    // prints out returned JSON.
    console.log(services);
}

// render it to device
AppRegistry.registerComponent('services', () => App);
```