test pyramid

does the whole system work?

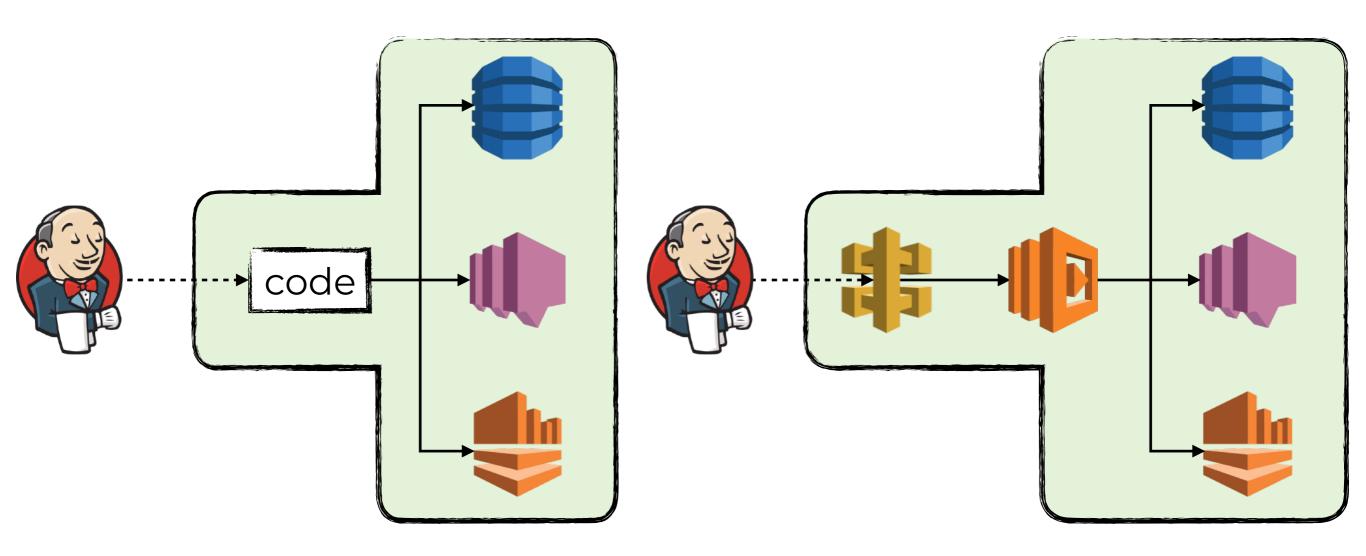
acceptance tests

does our code work against code we can't change?

integration tests

unit tests

reuse test cases



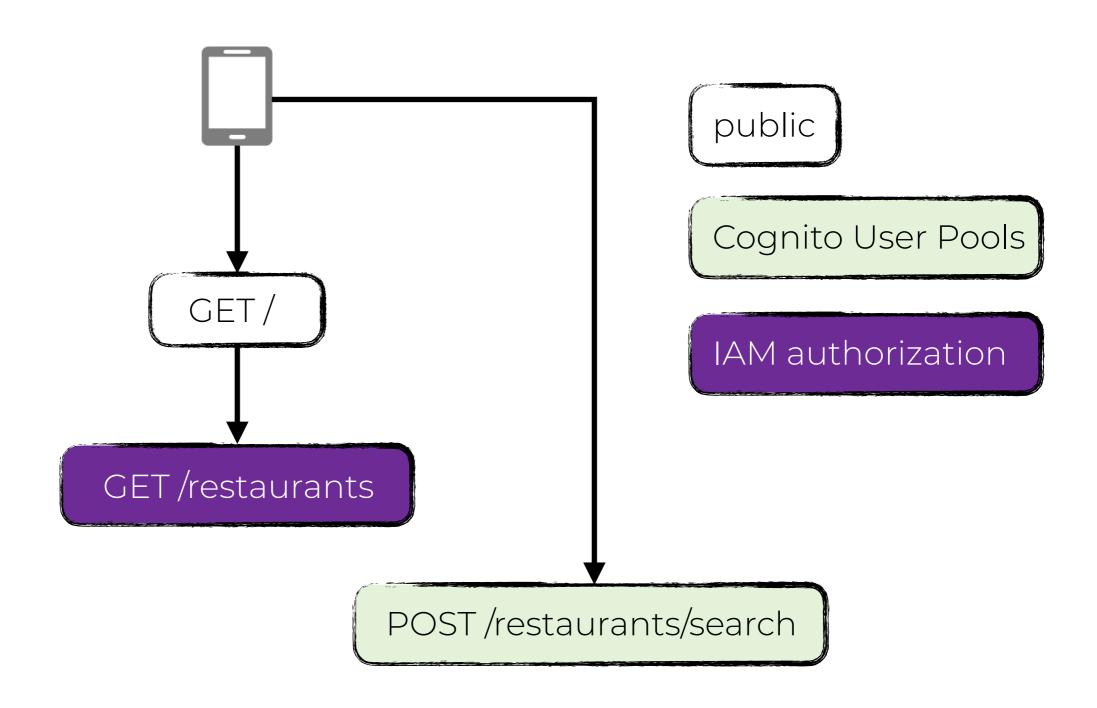
integration tests exercise system's **Integration** with its external dependencies

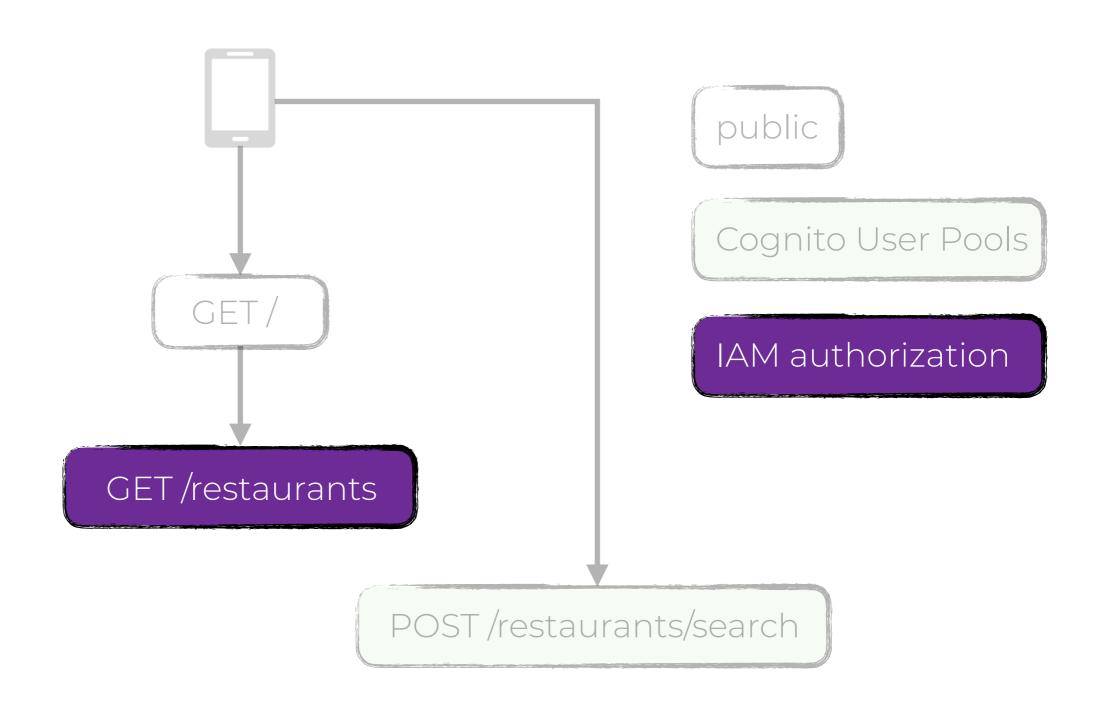
acceptance tests exercise system **End-to-End** from the outside

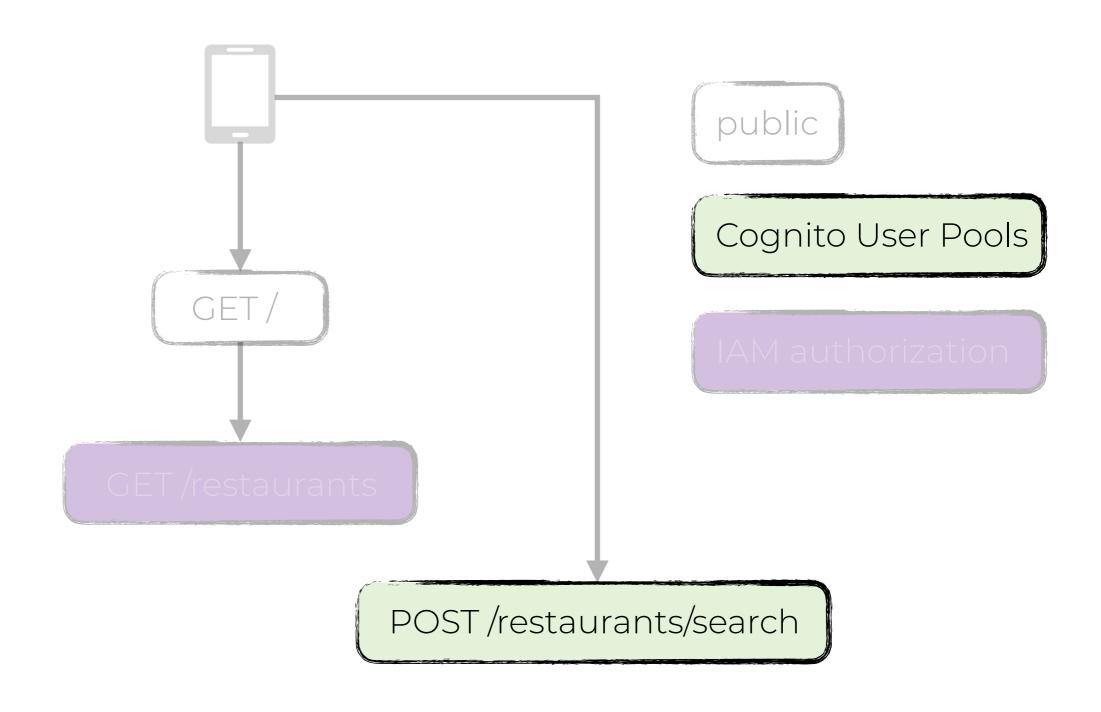
reuse test cases

<u>observation</u>

integration tests differ from acceptance tests only in **HOW** the Lambda functions are invoked







```
adminConfirmSignUp(params = {}, callback) ⇒ AWS.Request
Class List
Classes | Methods | Properties | Files
                                         Confirms user registration as an admin without using a confirmation code.
                                      adminCreateUser(params = {}, callback) ⇒ AWS.Request
   CIUUUVValcIILUYS \ JEIVILE
                                         Creates a new user in the specified user pool.
   CodeBuild < Service</p>
  CodeCommit < Service</p>
                                      adminDeleteUser(params = {}, callback) ⇒ AWS.Request
   ► CodeDeploy < Service
                                         Deletes a user as an administrator.
  CodePipeline < Service</p>
                                      adminDeleteUserAttributes(params = {}, callback) ⇒ AWS.Request
   ► CodeStar < Service
                                         Deletes the user attributes in a user pool as an administrator.
   Cognitoldentity < Service</p>
                                      adminDisableProviderForUser(params = {}, callback) ⇒ AWS.Request
  CognitoldentityServiceProvider
                                         Disables the user from signing in with the specified external (SAML or social) identity provider.
      2016-04-18
                                      adminDisableUser(params = {}, callback) ⇒ AWS.Request
   ► CognitoSync < Service
   ► Comprehend < Service
                                         Disables the specified user as an administrator.
   ConfigService < Service</p>
                                      adminEnableUser(params = {}, callback) ⇒ AWS.Request
   ► CostExplorer < Service
                                         Enables the specified user as an administrator.
   ► CUR < Service
                                      adminForgetDevice(params = {}, callback) ⇒ AWS.Request
  ▶ DataPipeline < Service</p>
                                         Forgets the device, as an administrator.
   ► DAX < Service
                                      adminGetDevice(params = {}, callback) ⇒ AWS.Request
  ▶ DeviceFarm < Service</p>
                                         Gets the device, as an administrator.
   DirectConnect < Service</p>
                                      adminGetUser(params = {}, callback) ⇒ AWS.Request
  ▶ DirectoryService < Service</p>
                                         Gets the specified user by user name in a user pool as an administrator.
   ▶ Discovery < Service</p>
   ► DMS < Service
                                      adminInitiateAuth(params = {}, callback) ⇒ AWS.Request
   ▶ DynamoDB < Service</p>
                                         Initiates the authentication flow, as an administrator.
```

http://amzn.to/2nMu3QN

Which app clients will have access to this user pool?

The app clients that you add below will be given a unique ID and an optional secret key to access this user pool.

