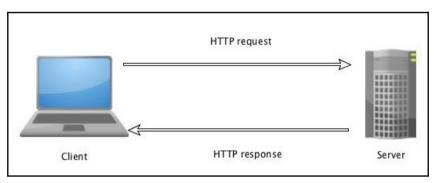
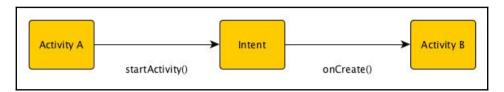
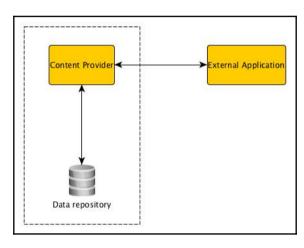
Chapter 1: The Fundamentals

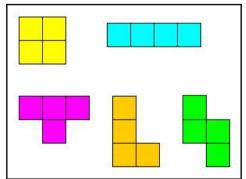


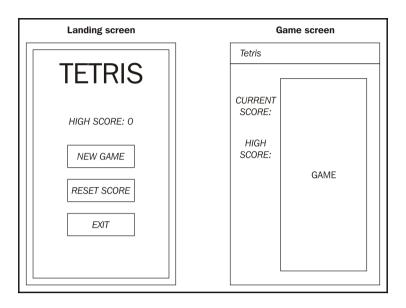


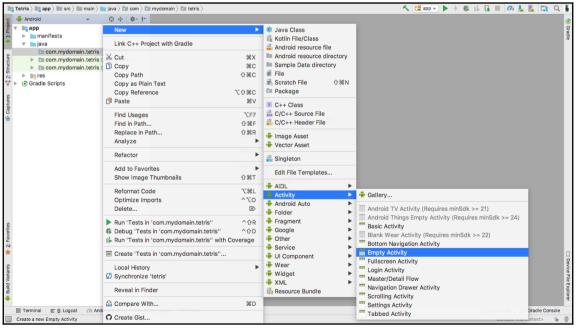
Chapter 2: Building an Android Application – Tetris

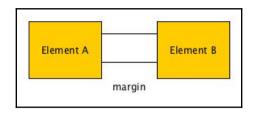


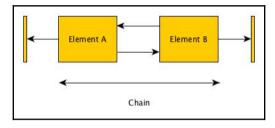


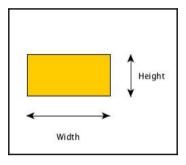


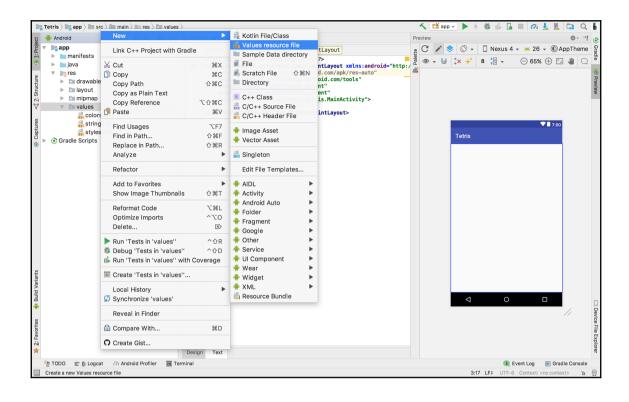


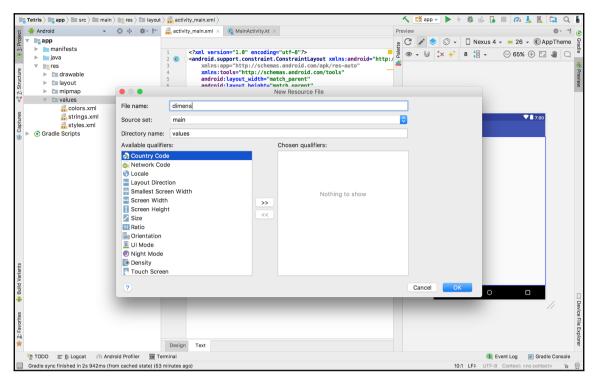






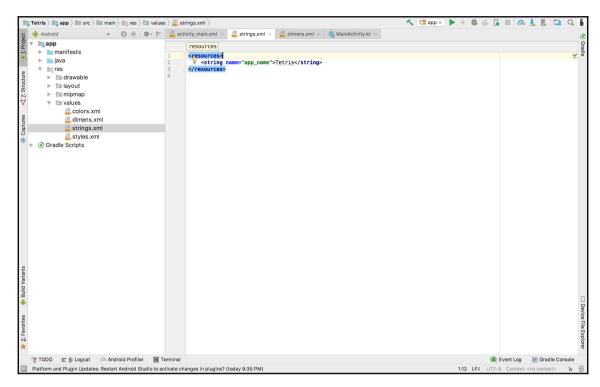




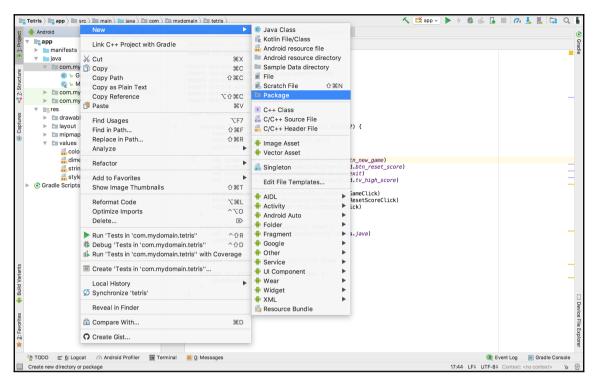






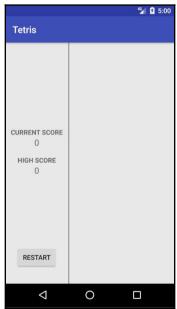




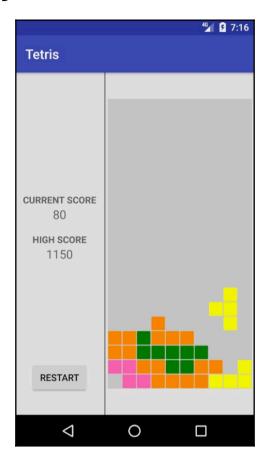


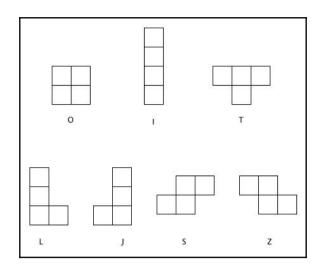


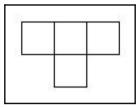


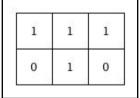


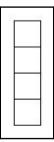
Chapter 3: Implementing Tetris Logic and Functionality



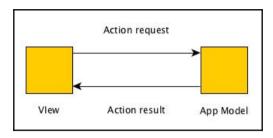


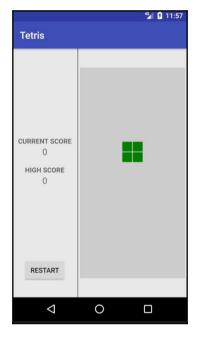


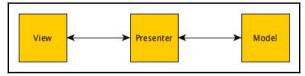




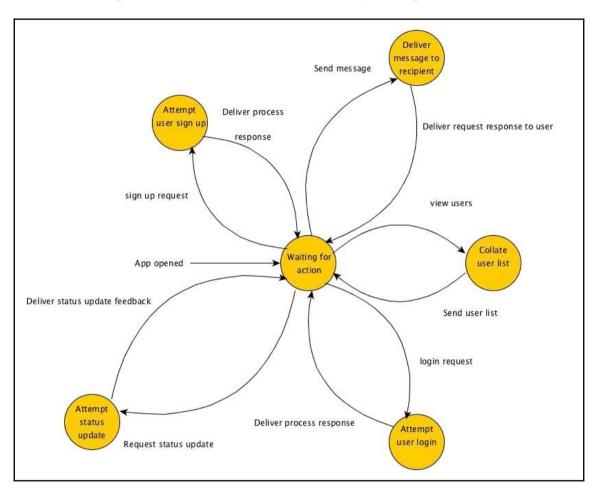


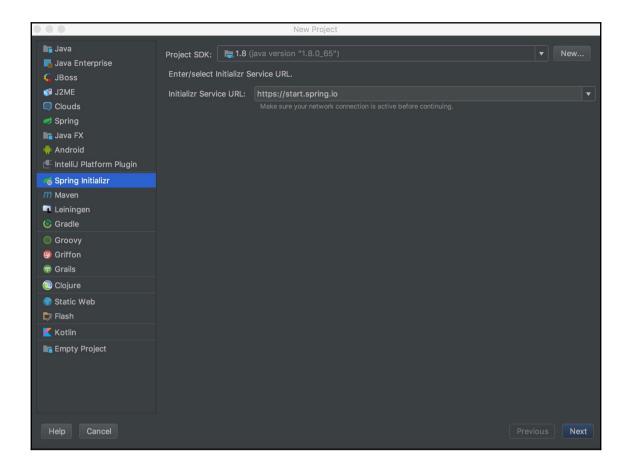


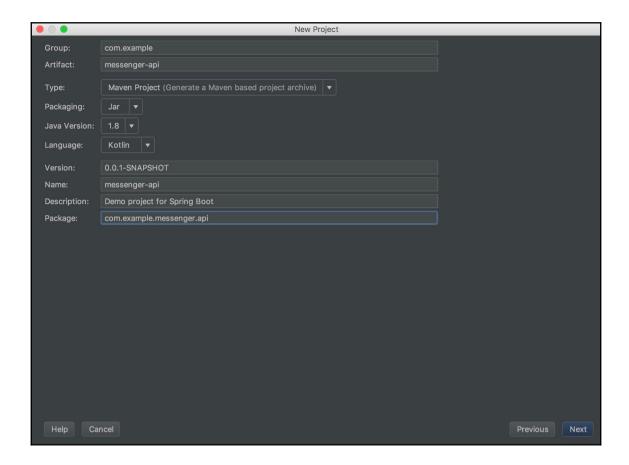


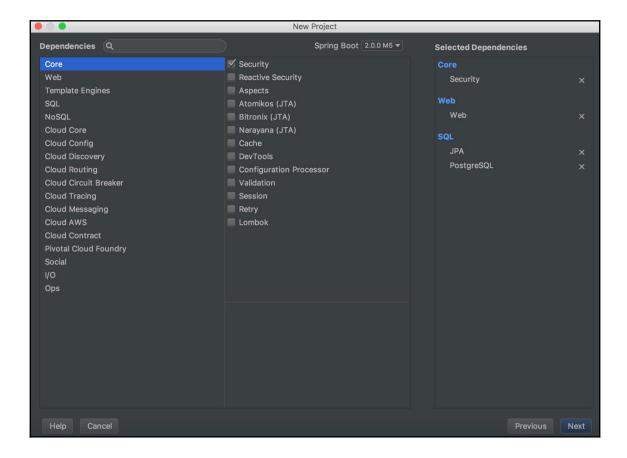


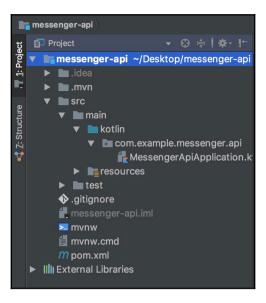
Chapter 4: Designing and Implementing the Messenger Backend with Spring Boot 2.0

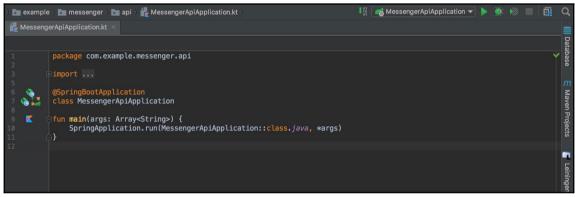


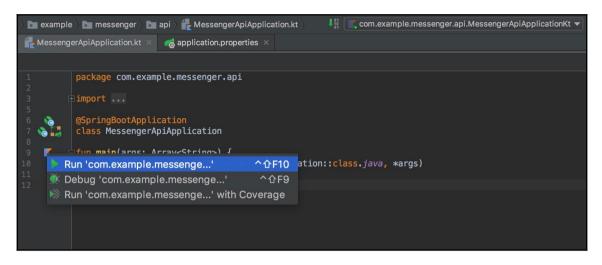


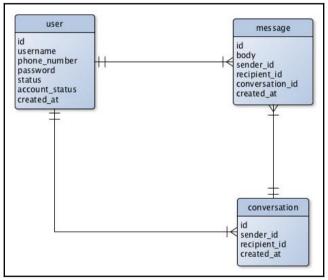




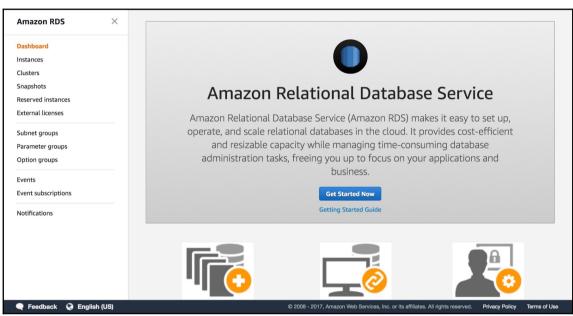


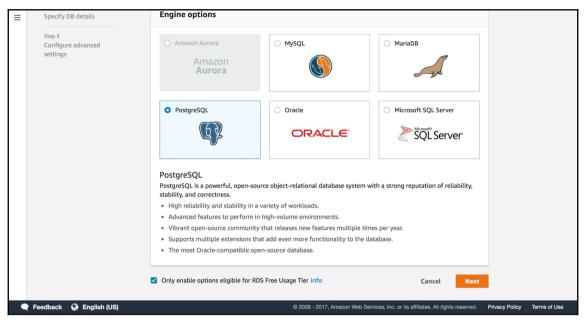


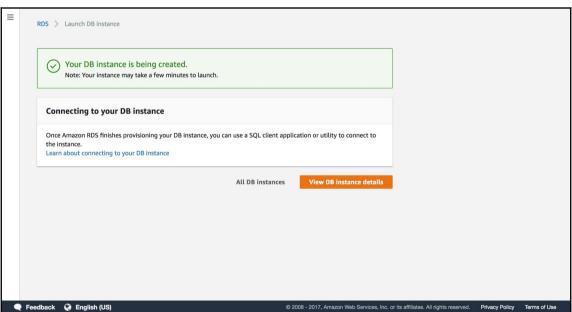


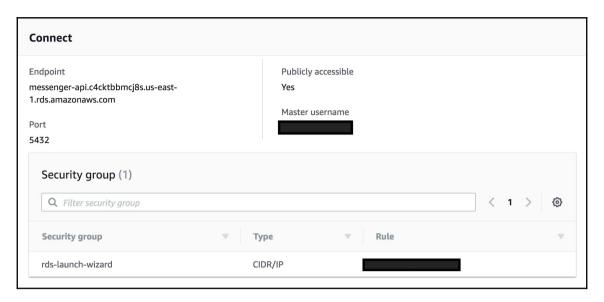


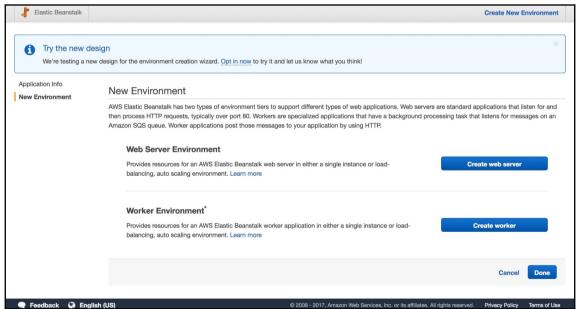


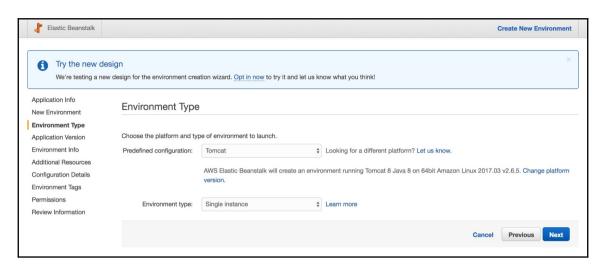


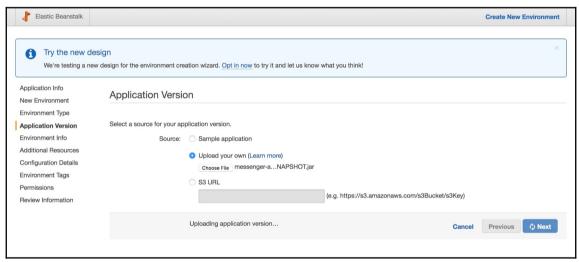


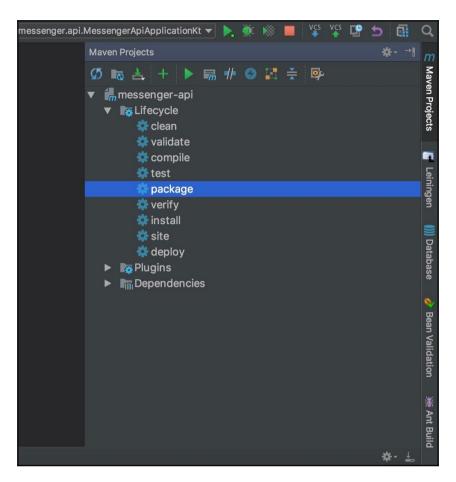






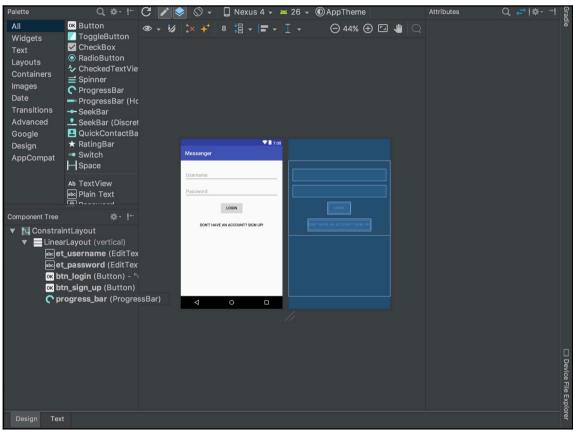






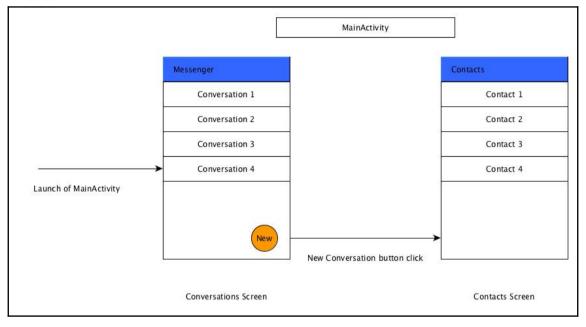
Environment Info	
Environment name	messengerApi-env
Environment URL	http://messengerapi-env.us-east-1.elasticbeanstalk.com
Description	REST API for the Messenger app

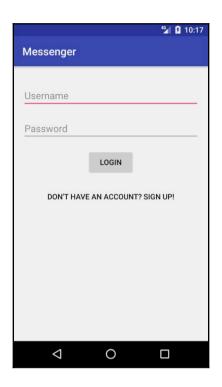
Chapter 5: Building the Messenger Android App – Part I



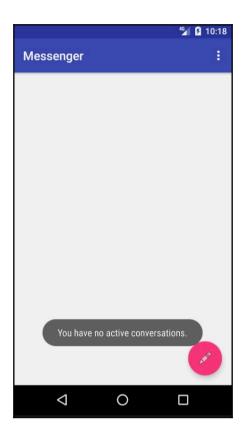


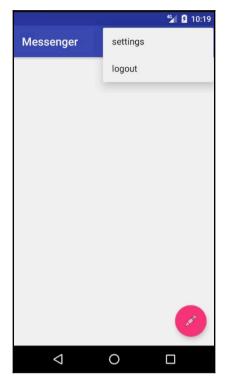
Chapter 6: Building the Messenger Android App – Part II

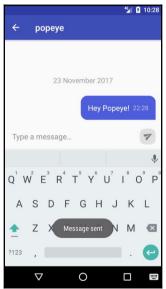




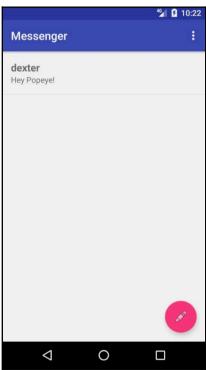


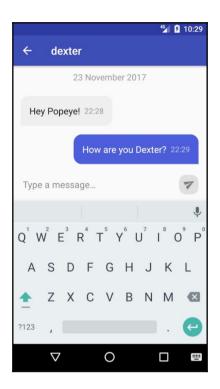


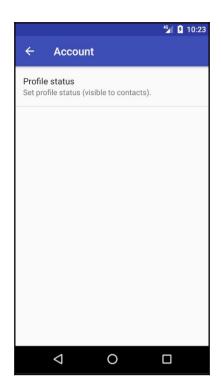


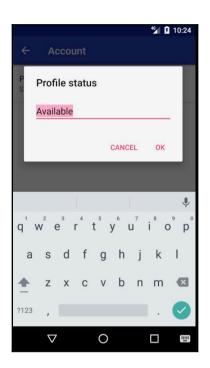




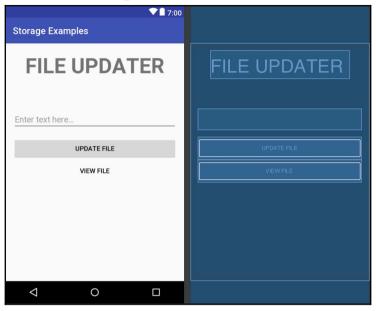


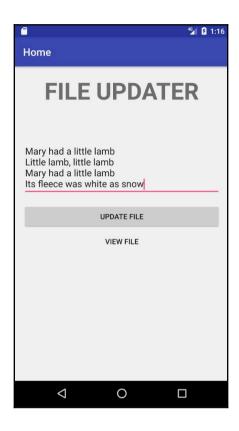


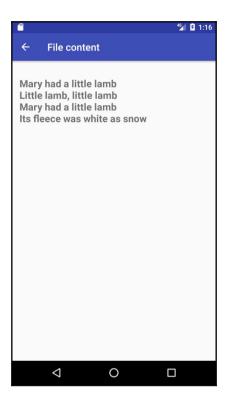


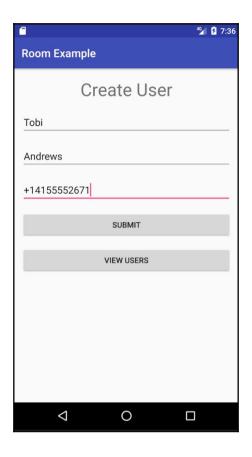


Chapter 7: Storing Information in a Database

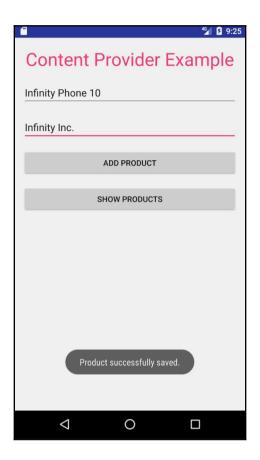






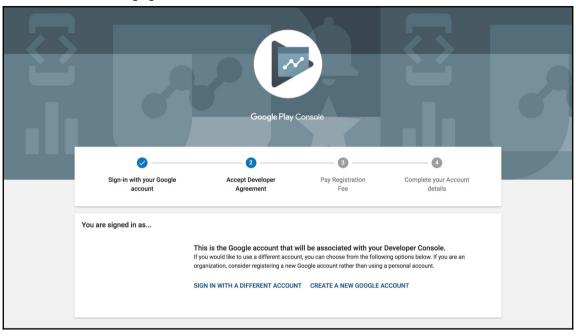


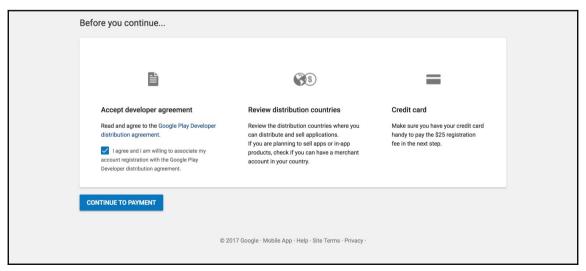




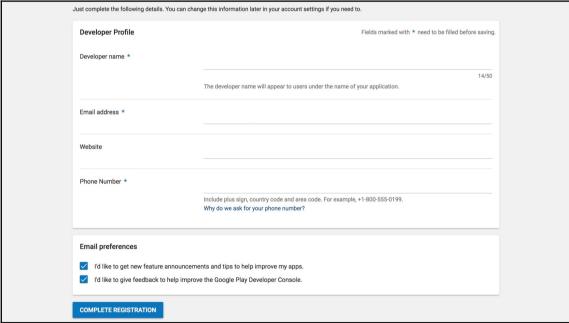


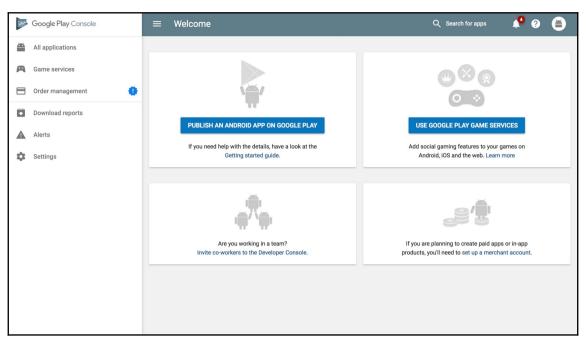
Chapter 8: Securing and Deploying an Android App

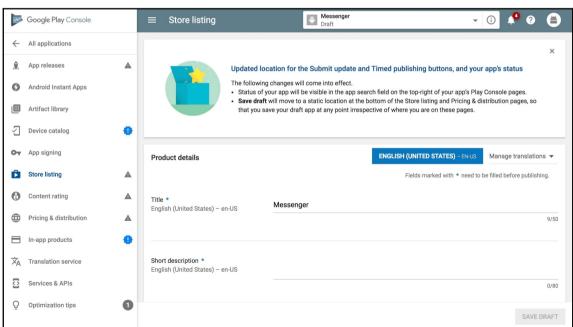


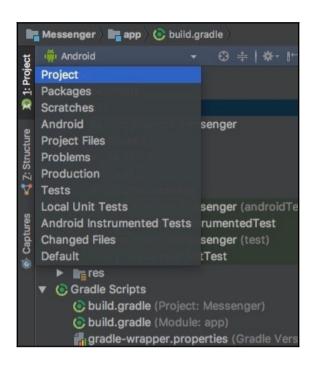


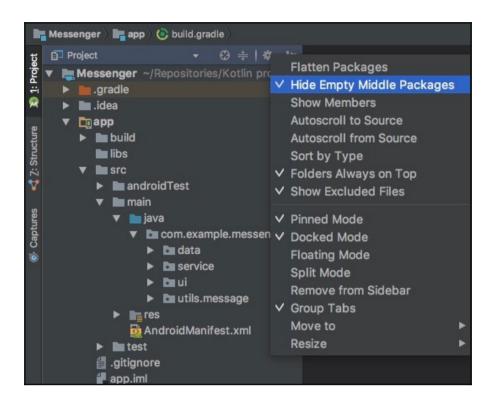


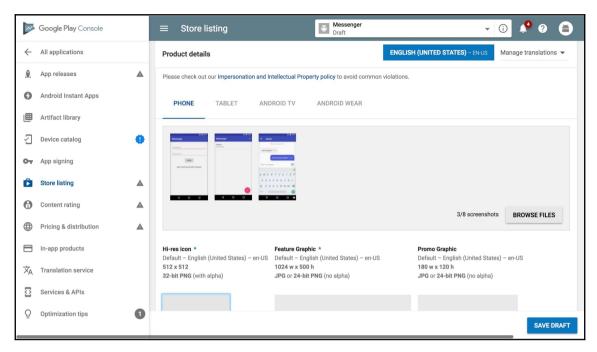


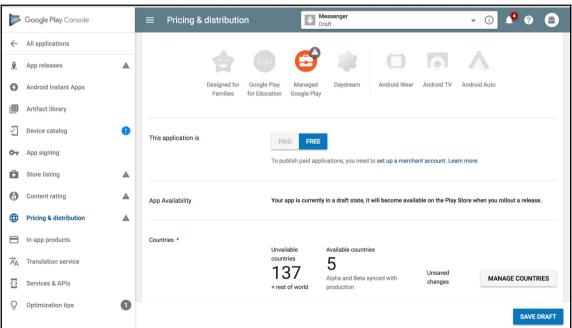


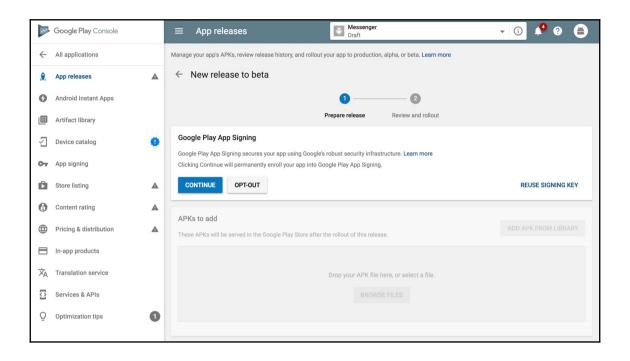


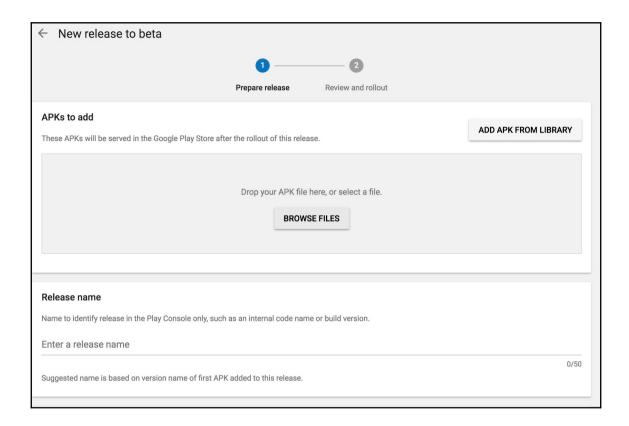


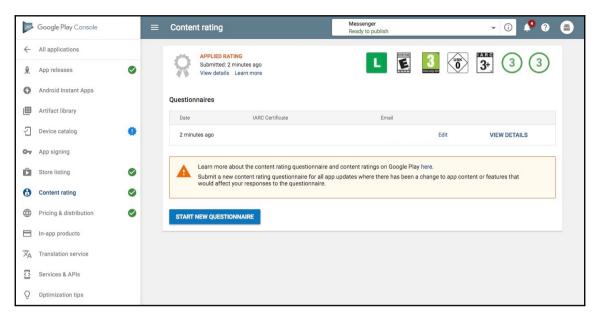


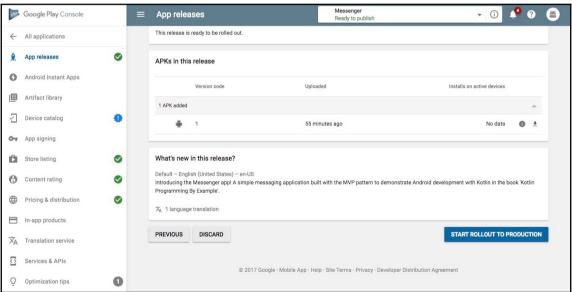


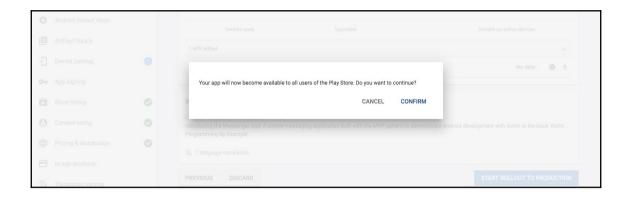




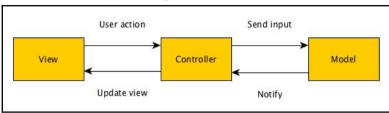


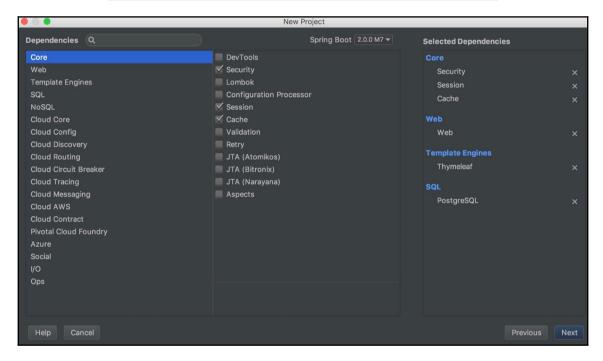


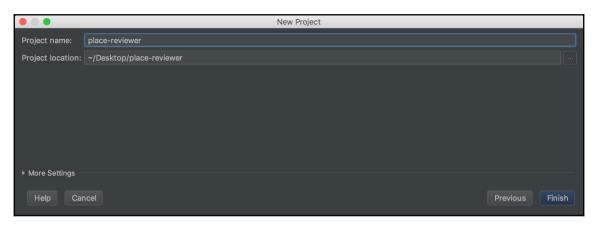


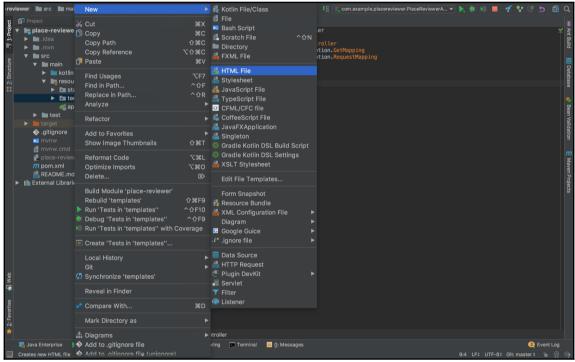


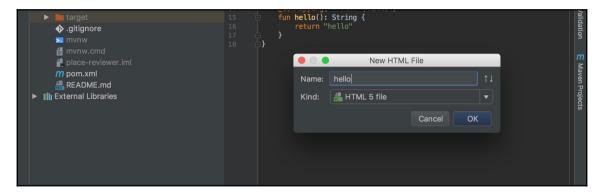
Chapter 9: Creating the Place Reviewer Backend with Spring



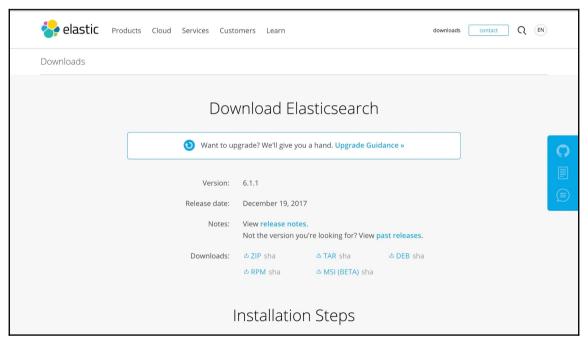




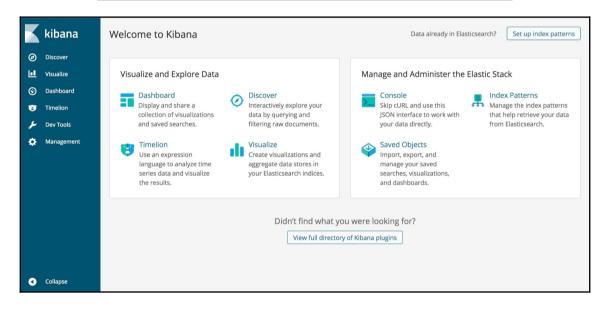




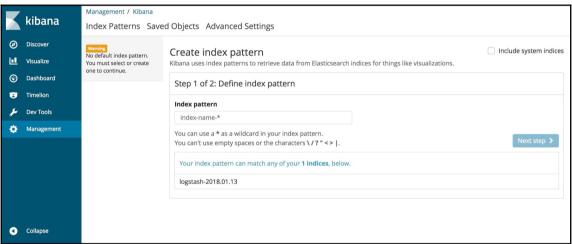


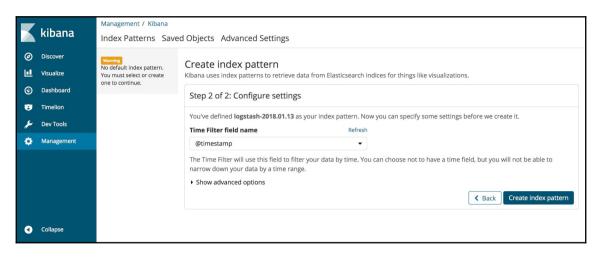


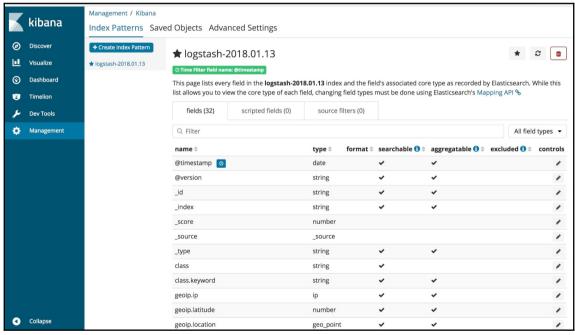
```
$ elasticsearch-6.1.1/bin/elasticsearch
[2018-01-16T01:06:00,339][INFO][o.e.n.Node
[2018-01-16T01:06:00,461][INFO][o.e.e.NodeEnvironment
                                                                                     ] [] initializing ...
                                                                                        [Df8YuN2] using [1]
data paths, mounts [[/ (/dev/disk1)]], net usable_space [11.6gb], net total spac
e [111.8gb], types [hfs] [2018-01-16T01:06:00,461][INFO ][o.e.e.NodeEnvironment
                                                                                     ] [Df8YuN2] heap size
[990.7mb], compressed ordinary object pointers [true] [2018-01-16T01:06:00,483][INFO ][o.e.n.Node
                                                                                     ] node name [Df8YuN2]
derived from node ID [Df8YuN2dQTa5CJH0cSq9KQ]; set [node.name] to override [2018-01-16T01:06:00,484][INFO ][o.e.n.Node ] version[6.1.1], pid[19550], build[bd92e7f/2017-12-17T20:23:25.338Z], OS[Mac OS X/10.12.5/x86_64], JV
M[Oracle Corporation/Java HotSpot(TM) 64-Bit Server VM/1.8.0 65/25.65-b01] [2018-01-16T01:06:00.484][INFO ][o.e.n.Node ] JVM arguments
                                                                                     ] JVM arguments [-Xms1
g, -Xmx1g, -XX:+UseConcMarkSweepGC, -XX:CMSInitiatingOccupancyFraction=75, -XX:+
UseCMSInitiatingOccupancyOnly, -XX:+AlwaysPreTouch, -Xss1m, -Djava.awt.headless=
true, -Dfile.encoding=UTF-8, -Djna.nosys=true, -XX:-OmitStackTraceInFastThrow, -Dio.netty.noUnsafe=true, -Dio.netty.noKeySetOptimization=true, -Dio.netty.recycler.maxCapacityPerThread=0, -Dlog4j.shutdownHookEnabled=false, -Dlog4j2.disable.j
mx=true, -XX:+HeapDumpOnOutOfMemoryError, -Des.path.home=/Users/Iyanu/Downloads/
elasticsearch-6.1.1, -Des.path.conf=/Users/Iyanu/Downloads/elasticsearch-6.1.1/c
onfig]
[2018-01-16T01:06:01,607][INFO][o.e.p.PluginsService
                                                                                    ] [Df8YuN2] loaded mod
ule [aggs-matrix-stats]
```



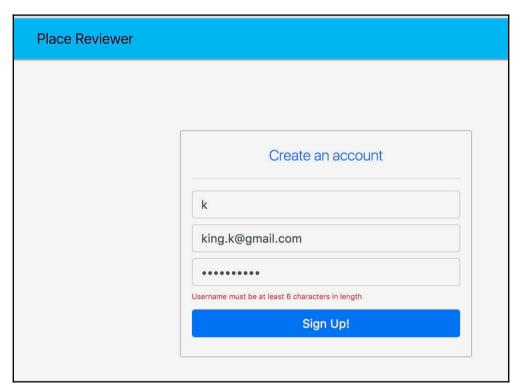


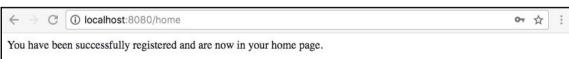


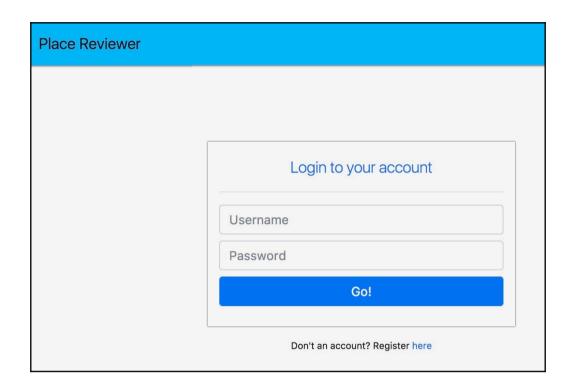


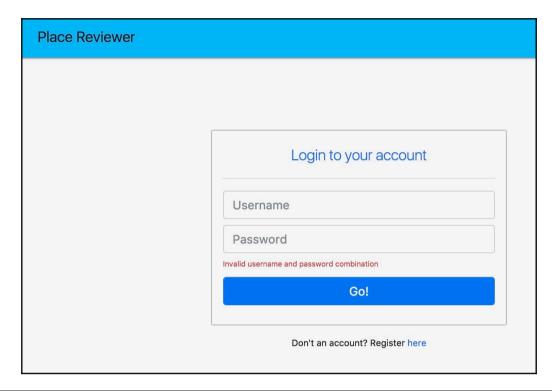


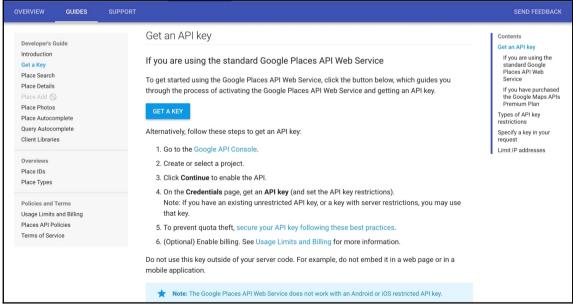
Chapter 10: Implementing the Place Reviewer Frontend

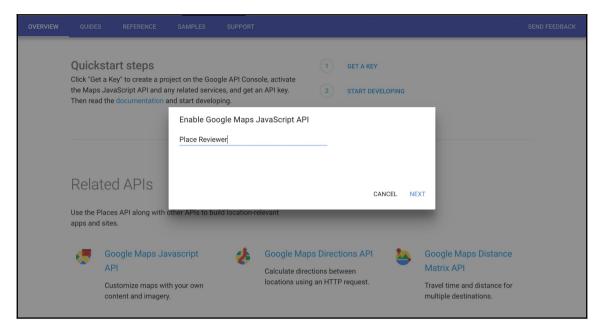


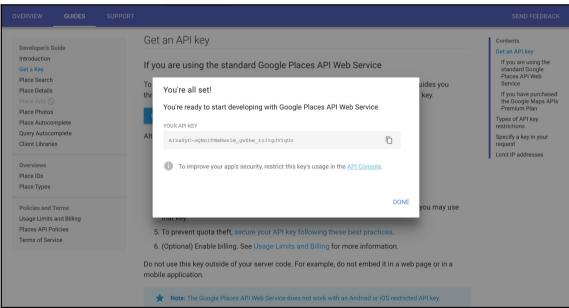


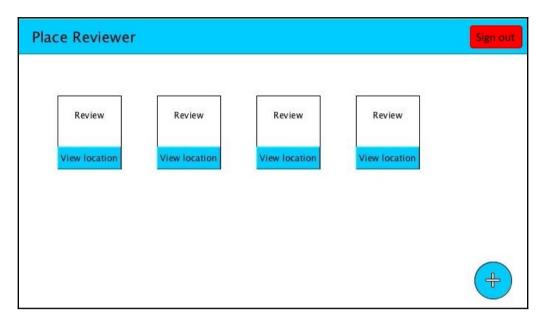




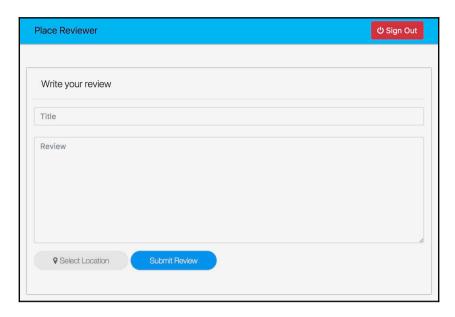


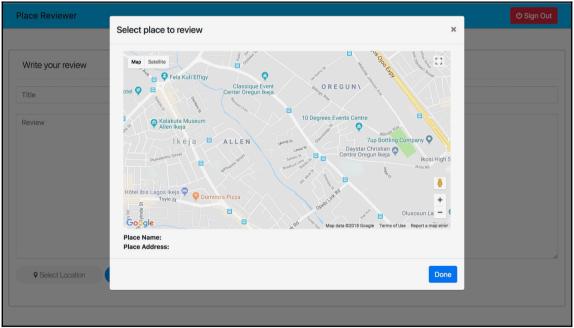


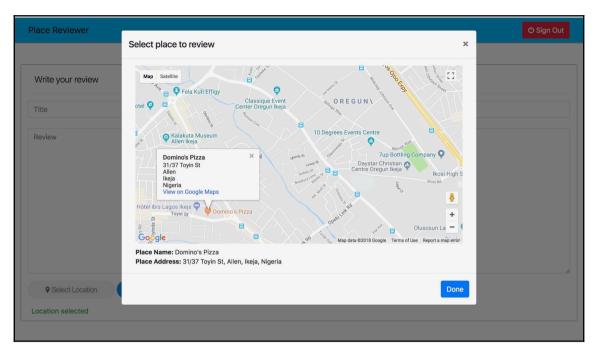


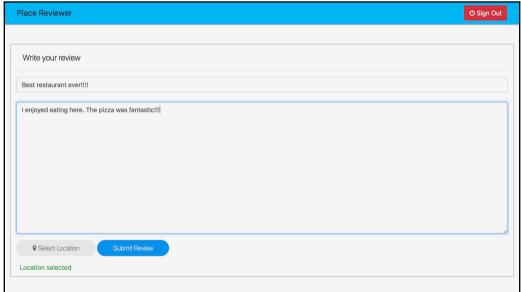


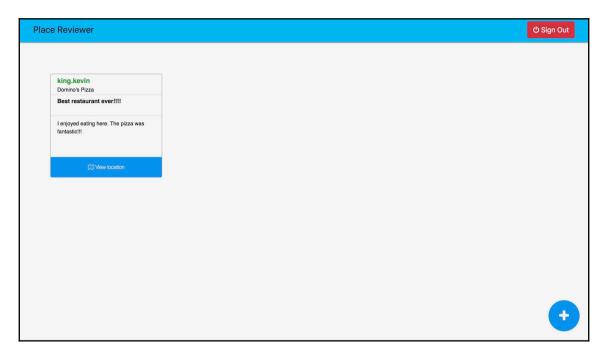


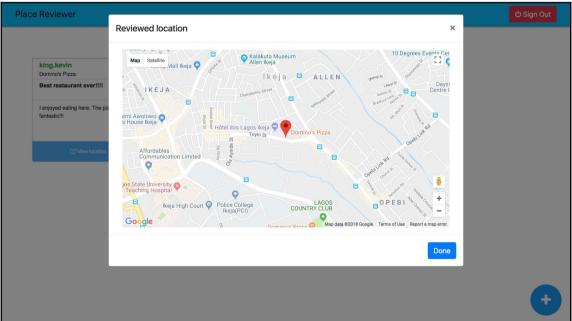












```
\P PlaceReviewerApplicationTests.kt 	imes \P TestConfig.kt 	imes \P TestUserService.kt 	imes
                                                                                TestServiceImpl.kt
        package com.example.placereviewer
        import com.example.placereviewer.config.TestConfig
        import com.example.placereviewer.data.model.User
        import com.example.placereviewer.service.TestUserService
        import org.hamcrest.Matchers.instanceOf
        import org.hamcrest.MatcherAssert.assertThat
        import org.junit.Test
        import org.junit.runner.RunWith
        import org.springframework.beans.factory.annotation.Autowired
        import org.springframework.boot.test.context.SpringBootTest
import org.springframework.test.context.ContextConfiguration
        import org.springframework.test.context.junit4.SpringRunner
        @RunWith(SpringRunner::class)
        @SpringBootTest
@ContextConfiguration(classes = [TestConfig::class])
        class PlaceReviewerApplicationTests {
             @Autowired
  6
             lateinit var <u>userService</u>: TestUserService
     Run Test    testUserRetrieval() {
                 val user = userService.getUser()
                 assertThat(user, instanceOf(User::class.java))
       H
```

```
1 test passed - 467ms
                                                                 main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/error],produces=[tex main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/login] onto what main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/css/**] onto main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/css/**] onto
2018-03-04 22:09:52.292 INFO 39684 -
2018-03-04 22:09:52.322
                               INFO 39684
2018-03-04 22:09:52.352
                               INFO 39684
2018-03-04 22:09:52.353
                               INF0
                                                                                                                               Mapped URL path [/**] onto hand
2018-03-04 22:09:52.353
                               INFO 39684
                                                                 main] o.s.w.s.handler.SimpleUrlHandlerMapping
2018-03-04 22:09:52.403
                               WARN 39684
                                                                 main] o.s.h.c.j.Jackson2ObjectMapperBuilder
                                                                                                                               For Jackson Kotlin classes supp
2018-03-04 22:09:52.485
                               INFO 39684
                                                                 main] o.s.w.s.handler.SimpleUrlHandlerMapping
                                                                                                                               Mapped URL path [/**/favicon.ic
2018-03-04 22:09:52.675
                               WARN 39684
                                                                 main] o.s.h.c.j.Jackson2ObjectMapperBuilder
                                                                                                                               For Jackson Kotlin classes supp 🖶
2018-03-04 22:09:53.001
                                                                                                                               Started PlaceReviewerApplicatio Closing org.springframework.web
                               INFO 39684
                                                                 main] c.e.p.PlaceReviewerApplicationTests
2018-03-04 22:09:53.495
                               INFO 39684
                                                            Thread-3] o.s.w.c.s.GenericWebApplicationContext
2018-03-04 22:09:53.500
                               INFO 39684
                                                            {\bf Thread-3]} \  \  {\bf j.LocalContainerEntityManagerFactoryBean} \  \  :
                                                                                                                               Closing JPA EntityManagerFactor
2018-03-04 22:09:53.504
                               TNF0 39684 ---
                                                            Thread-3] com.zaxxer.hikari.HikariDataSource
                                                                                                                             : testdb - Shutdown initiated...
: testdb - Shutdown completed.
2018-03-04 22:09:53.516 INFO 39684 -
                                                            Thread-31 com.zaxxer.hikari.HikariDataSource
Process finished with exit code 0
```