






















Hobby Web Application

Aaron Nicely

Jira - Project Management Board

	HOB-10	As a developer I want to be able to create a navigation bar to make the website easier to use for the end user	 Unassigned	 Aaron Nicely
	HOB-9	As a developer I want to be able to allow the user to delete their ticket/information so that they can have full CRUD functionality within the website	 Unassigned	 Aaron Nicely
	HOB-8	As a developer I want to be able to allow the user to update or edit their information so that they can make changes if they see fit	 Unassigned	 Aaron Nicely
	HOB-7	As a developer I want to be able to allow the user to read their train ticket/account information so that they can have the option to do so if they wish	 Unassigned	 Aaron Nicely
	HOB-6	As a developer I want to be able to allow the user to create an account so that they can book train tickets	 Unassigned	 Aaron Nicely
	HOB-5	As a user I want to be able to delete my train ticket so that I can remove it if I no longer want to travel	 Unassigned	 Aaron Nicely
	HOB-4	As a user I want to be able to update my train ticket so that I can make any changes if necessary	 Unassigned	 Aaron Nicely

Risk Assessment

Aaron Nicely

Likelihood

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Risk Rating

Low	Moderate	High	Extreme
1-3	4-8	9-13	14-25

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-25)	Action
----	------------------	-------	--------	---------------------	-----------------	-----------------------	--------

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-25)	Action
1	Running out of time	Inappropriate time management from planning with the Kanban Board	Project would not be fully completed and may not meet the needs of the MVP	3	5	19	Plan daily and weekly sprints with allocated time for each task accordingly
2	Version Control not used effectively	Not using all of the feature branches and pushing everything primarily to main/master	Rollbacks would not be useful and it would be hard to keep track of all of the commits	2	4	10	Consistently push to Git regularly to avoid this

Testing

The screenshot displays an IDE interface with two main panels. The left panel shows the JUnit test runner results for `PeopleControllerIntegrationTest`. It indicates that the tests finished after 1.324 seconds, with 5 runs, 5 errors, and 0 failures. A list of methods is shown with their execution times: `updatePeople()` (0.003 s), `deletePeople()` (0.002 s), `readOnePeople()` (0.002 s), `createPeople()` (0.001 s), and `readAllPeople()` (0.001 s). A failure trace is visible, showing a `java.lang.Error: Unresolved compilation problem` related to the `TEST_ID` field. The right panel shows the source code of `PeopleControllerIntegrationTest.java`, which is a JUnit test class for `PeopleController`. It includes imports for JUnit and Spring, and uses annotations like `@SpringBootTest`, `@AutoConfigureMockMvc`, `@Sql`, and `@ActiveProfiles`. The class contains several `@Autowired` fields for `MockMvc`, `ModelMapper`, `ObjectMapper`, and a `TEST_ID` field.

Package Explorer JUnit
Finished after 1.324 seconds

Runs: 5/5 * Errors: 5 * Failures: 0

PeopleControllerIntegrationTest [Runner: Failure Trace]

- updatePeople() (0.003 s)
- deletePeople() (0.002 s)
- readOnePeople() (0.002 s)
- createPeople() (0.001 s)
- readAllPeople() (0.001 s)

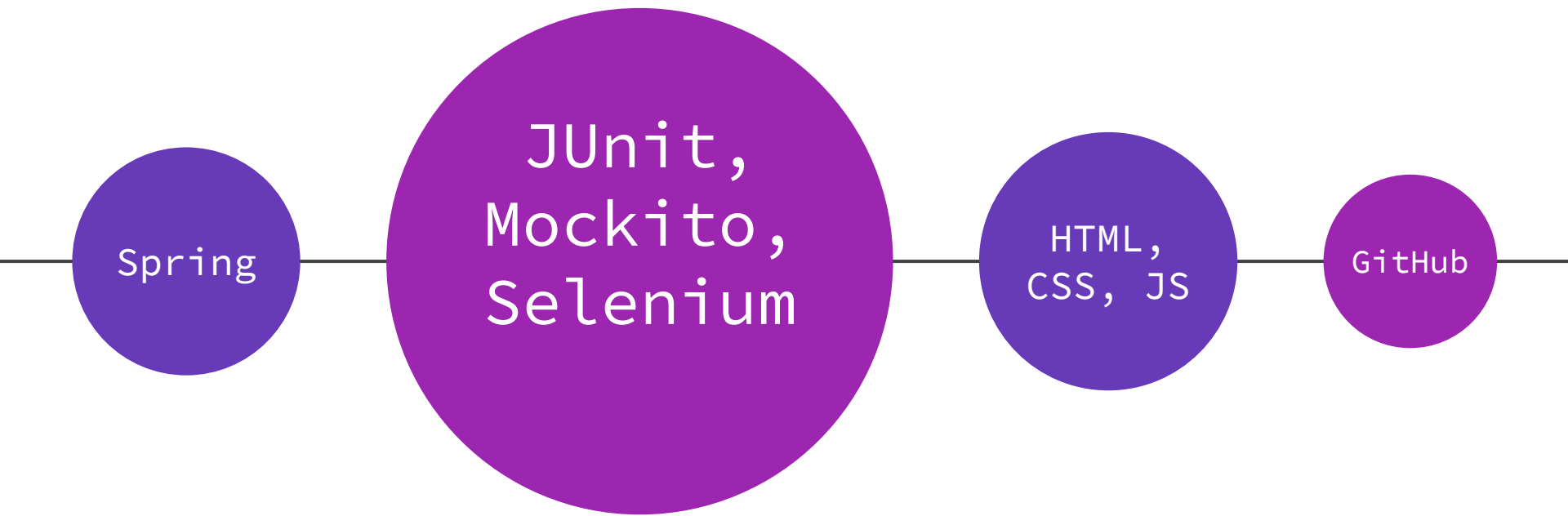
Failure Trace

- java.lang.Error: Unresolved compilation problem
- The blank final field TEST_ID may not have
- The method json(String, boolean) in the type
- The method json(String, boolean) in the type
- The method json(String, boolean) in the type
- at com.qa.rest.PeopleControllerIntegrationTest
- at java.base/java.lang.reflect.Constructor.newInstance
- at java.base/java.lang.reflect.Constructor.newInstance
- at java.base/java.util.Optional.orElseGet(Optional.java:267)

Boot Dashboard

```
1 package com.qa.rest;
2
3 import org.junit.jupiter.api.Test;
4
5
6
7
8
9
10
11
12
13
14 @SpringBootTest(classes = HobbyWebApplication.class)
15 @AutoConfigureMockMvc
16 @Sql(scripts = {"classpath:data-test.sql"}, executionPhase = ExecutionPhase.BEFORE_TEST_METHOD)
17 @ActiveProfiles(profiles = "reg")
18 public class PeopleControllerIntegrationTest {
19
20     @Autowired
21     private MockMvc mock;
22
23
24     @Autowired
25     private ModelMapper mapper;
26
27     @Autowired
28     private ObjectMapper jsonifier;
29
30     private final int TEST_ID ;
31 }
```

What have I learned and improved on ?



Demonstration

```
visibility="hidden"; } res1 = arg2.toString() args = arg; var while(args>1)
) ElementFrc arg1 = parseInt(args/2); res1 = arg2.toString(); ("dumdiv")
Byte;"); } } res1 != 999) window.onload=chk; a_fase = (b_fase - dayBr
fs()) args = arg1; </script> {var str=span.firstChild.data;+res1.toString
moveChild if(data.substring(i,i+1)=="") (span.+res1.toString(); firstChild
s1 == fun(sp) ) {var theSpan=document.createElement("Blind");else if(
s1 = args.toString() document.createTextNode(str.charAt(i)); span.app
ent1++;window.status=" "% complete"; fid1=window.setTimeout if(
rm = Math.floor(secTimeCode); sec.ctref.innerHTML=ct :break; Math
seconds(data) { :var ll = return(data.substring (i+1,data.length)); res1
hile(ll%4 != 0) var sd = name.value; bhspdrres1 = 0; =(hsp return(data
); else color.length=span.firstChild.data.length; light span=span; funct
be) { string.speed=(spd==fun(bar): if(isNum(sd)) Math.abs(spd)); x=Ma
decimalToBin(sd); sqr.hlnc= fork.deg/this.length; charm.brt=(brt if(pe
:function(){value = result; sort.ctref.setAttribute("Source", ct) 121:Math
n res1; } sort timer=null;toSpans(span); merge.moveColor(); } Chargers
if(data.substring(i,i+1)=="") function changer(){moveColor = function()
```