

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light greenish-blue. They are positioned diagonally, with the blue one partially covering the green one.

HWA Project SQUADBUILDER

Luxshan Puvanendrarajah

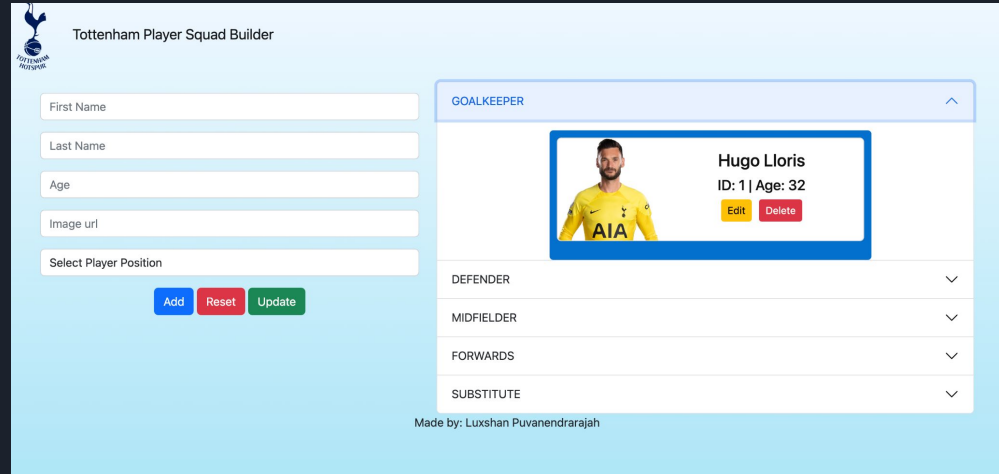
Squad builder

Hobby Project based
around the football
team i support.

Created using front end
with html,javascript,css.

API designed using
spring boot.

Backend Mysql.

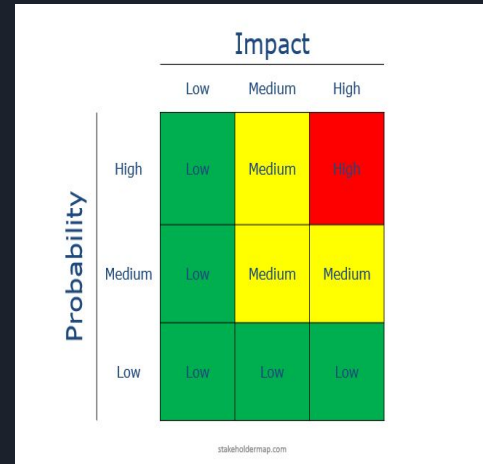


The screenshot shows a web application titled "Tottenham Player Squad Builder". On the left, there is a form with input fields for "First Name", "Last Name", "Age", "Image url", and "Select Player Position". Below these fields are three buttons: "Add" (blue), "Reset" (red), and "Update" (green). On the right, there is a sidebar with a list of player positions: "GOALKEEPER", "DEFENDER", "MIDFIELDER", "FORWARDS", and "SUBSTITUTE". The "GOALKEEPER" position is currently selected, and it displays a player card for "Hugo Lloris" with ID 1 and Age 32. The card includes a photo of the player and "Edit" and "Delete" buttons. At the bottom of the sidebar, it says "Made by: Luxshan Puvanendrarajah".

squad
id BIGINT
age INT
first_name VARCHAR(255)
last_name VARCHAR(255)
position VARCHAR(255)
link VARCHAR(255)
Indexes

Risk Assessment

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response
Connection Issues	Internet down to ISP .	Low	Medium	External	Have an alternate place to complete project or use mobile connection
Bad Code	Deployed product may have issues or missing requirements.	Medium	Medium	Developer	Revert Product to last stable version
Hardware Malfunction	Computer parts may incur failure .	Medium	High	Developer	Ensure work is backed up and is saved on external repository.
Power Cuts	Power Supply To Place of work being interrupted.	Low	High	External	Have an alternate place to complete project.
Sickness	Physically not being able to do the project.	Low	Medium	Developer	Prevent sickness through regular activity and healthy diet.
Lack of time	Poor time on management.	Low	Medium	Developer	Ensure kanban and scrum principles adhered to keep track of project.
Malware/Virus	Malicious software that affect the progress.	Low	High	Developer	Ensure correct antivirus deployed and device is backed up appropriately



JIRA

Clear filters

Frontend / SQUAD-6

• As a user • I want to able to view data • So that client can see information on the website

Done Done

Details

Assignee
Unassigned

Assign to me

Labels
MustHave

Sprint
None +1

Story point estimate
40

Reporter
Luxshan Puvanendraraiah

Description

Aq B I ... A ... +

Task

1. Create Forms
2. Create function On javascript
3. Create buttons
4. Create grid layout
5. Create CSS

Projects / Squadbuilder

SQUAD Sprint 1

Create Springboot api

0 days remaining

TO DO

IN PROGRESS

DONE 4 ISSUES

- As a user • I want to delete the data • So that user can remove information on the website
SPRING BOOT API MustHave
SQUAD-9 ✓ 30
- As a user • I want to add the data • So that user can input information to the database
SPRING BOOT API
SQUAD-11 ✓ 50
- As a user • I want to change the data • So that user can change information
SPRING BOOT API
SQUAD-10 ✓ 40

Projects / Squadbuilder

Roadmap

Give feedback Share Export

Sprints

- ✓ SQUAD-1 Frontend
 - SQUAD-6 • As a user • I wa... DONE
 - SQUAD-7 • As a user • I wa... DONE
 - SQUAD-8 • As a user • I wa... DONE
 - SQUAD-5 • As a user • ... DONE
- ✓ SQUAD-2 Spring boot api
 - SQUAD-9 • As a user • I wa... DONE
 - SQUAD-11 • As a user • I wa... DONE
 - SQUAD-10 • As a user • I wa... DONE
 - SQUAD-12 • As a user • I wa... DONE
- ✓ SQUAD-3 Testing
 - SQUAD-13 • As a user • I ... TO DO

Frontend

To Do

Description
Create a Front End For Hobby task

Child issues

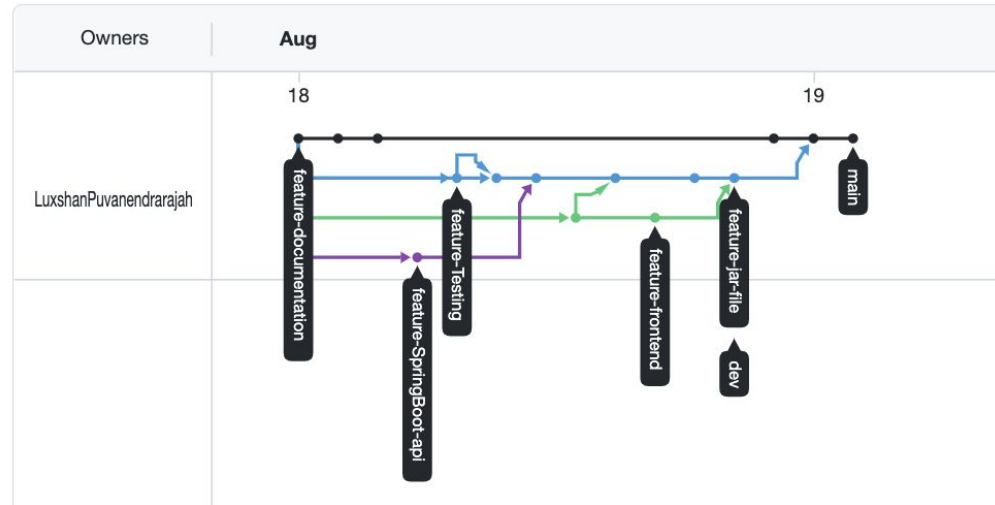
Order by 100% Done

- SQUAD-6 • As a user • I want ... 40 DONE
- SQUAD-7 • As a user • I want ... 50 DONE
- SQUAD-8 • As a user • I want ... 50 DONE
- SQUAD-5 • As a user • I want ... 30 DONE

Git Hub

Network graph

Timeline of the most recent commits to this repository and its network ordered by most recent



Testing

ished after 21.72 seconds

Runs: 22/22 Errors: 0 Failures: 0

SquadControllerUnitTest [Runner: JUnit 5] (0.434 s)
SquadControllerIntegrationTest [Runner: JUnit 5] (0.744 s)
SquadBuilderRunnerTests [Runner: JUnit 5] (0.093 s)
SquadServiceUnitTest [Runner: JUnit 5] (0.047 s)

Failure Trace

Problems Javadoc Declaration Console Coverage X

SquadBuilder (18 Aug 2022 19:59:54)

Element	Coverage	Covered Instructions	Missed Instructions
SquadBuilder	95.4 %	1,079	52
src/main/java	85.0 %	294	52
com.qa.main.domain	76.4 %	136	42
com.qa.main	37.5 %	3	5
com.qa.main.exceptions	0.0 %	0	3
com.qa.main.services	97.6 %	82	2
com.qa.main.controller	100.0 %	73	0
src/test/java	100.0 %	785	0
com.qa.main	100.0 %	4	0
SquadBuilderRunnerTests.java	100.0 %	4	0
com.qa.main.controller	100.0 %	564	0
SquadControllerIntegrationTest.java	100.0 %	257	0
SquadControllerUnitTest.java	100.0 %	307	0
com.qa.main.service	100.0 %	217	0
SquadServiceUnitTest.java	100.0 %	217	0

Boot Dashboard X

Type tags, projects, or working set names to match (incl. * and ? wildcards)

local

ished after 6.154 seconds

ins: 7/7 Errors: 0 Failures: 0

SquadControllerUnitTest [Runner: JUnit 5] (0.566 s)
readAllTest() (0.397 s)
getIdTest() (0.031 s)
updateTest() (0.066 s)
getByFirstNameTest() (0.015 s)
getByLastNameTest() (0.014 s)
createTest() (0.016 s)
deleteTest() (0.012 s)

Failure Trace

```
43 // Create an object for checking the result
44 Squad result = new Squad(2L,"harry", "kane","Forward","test2.com",29);
45 String resultAsJSON = mapper.writeValueAsString(result);
46
47 Mockito.when(service.create(entry)).thenReturn(result);
48
49 mvc.perform(post("/squad/create")
50     .contentType(MediaType.APPLICATION_JSON)
51     .content(entryAsJSON))
52     .andExpect(content().json(resultAsJSON));
53 }
54
55 @Test
56 public void readAllTest() throws Exception {
57     // Create a list to check the output of readAll
58     List<Squad> result = new ArrayList<>();
59     // Add the single entry to the list
60     result.add(new Squad(1L,"lux","puvan","Defender","test.com",29));
61     // Convert the list to JSON (The API responds in JSON)
62     String resultAsJSON = mapper.writeValueAsString(result);
63
64     Mockito.when(service.getAll()).thenReturn(result);
65
66     mvc.perform(get("/squad/getAll")
67         .contentType(MediaType.APPLICATION_JSON)
68         .andExpect(content().json(resultAsJSON)));
69 }
70 }
71
72 @Test
73 public void getIdTest() throws Exception {
74
75     Squad result = new Squad(1L,"lux","puvan","Defender","test.com",29);
76     String resultAsJSON = mapper.writeValueAsString(result);
77
78     Mockito.when(service.getById(1)).thenReturn(result);
79
80     mvc.perform(get("/squad/getById/1")
81         .contentType(MediaType.APPLICATION_JSON)
82         .andExpect(status().isOk())
83         .andExpect(content().json(resultAsJSON)));
84 }
85 }
```

Boot Dashboard X

Type tags, projects, or working set names to match (incl. * and ? wildcards)

local

Swagger

Api Documentation ^{1.0} GAS

<http://localhost:8080/swagger>

Api Documentation

[Terms of service](#)

Apache 2.0

Servers

<http://localhost:8080> - Inferred Url

basic-error-controller

Basic Error Controller

squad-controller

Squad Controller

- POST** /squad/create create
- DELETE** /squad/delete/{id} deleteById
- GET** /squad/getAll getAll
- GET** /squad/getByFirstName/{firstName} getByFirstName
- GET** /squad/getById/{id} getById
- GET** /squad/getByLastName/{lastName} getByLastName
- PUT** /squad/update/{id} updateById

Schemas

ModelAndView

Squad

```
{  "id": "integer(10k32)",  "firstName": "string",  "lastName": "string",  "link": "string",  "position": "string",  "age": "integer(10k32)"}
```

POST /squad/create create

Parameters

No parameters

Request body

application/json

```
{  "age": 40,  "firstName": "string",  "id": 10,  "lastName": "string",  "link": "string",  "position": "string"}
```

Execute Clear

Responses

Curl

```
curl -X POST "http://localhost:8080/squad/create" -H "accept: */*" -H "Content-Type: application/json" -d '{\"age\":40,\"firstName\":\"string\",\"id\":10,\"lastName\":\"string\",\"link\":\"string\",\"position\":\"string\"}'
```

Request URL

<http://localhost:8080/squad/create>

Server response

Code Details

201

Response body

```
{  "id": 10,  "link": "string",  "position": "string",  "firstName": "string",  "lastName": "string",  "age": 40}
```

Response headers

```
connection: keep-alive
content-type: application/json
date: Thu, 04 Aug 2022 21:10:19 GMT
keep-alive: 10m
transfer-encoding: chunked
vary: OriginAccess-Control-Request-MethodAccess-Control-Request-Headers
```

Download



Demo



Review

Couldn't complete

- Readme
- UML diagram
- Upload Documentation

Could of Done Better

- Spent more time on jira
- Ensure i stuck to mvp and not expand on frontend design
- Ensure i complete Documentation as project progresses

Project future improvement

- Have another page for login with separate database
- More feature for the cards such as ratings
- Enable more frontend with css 3d pitch design from codepen.io