

Joshua Bloom



API-PROJECT

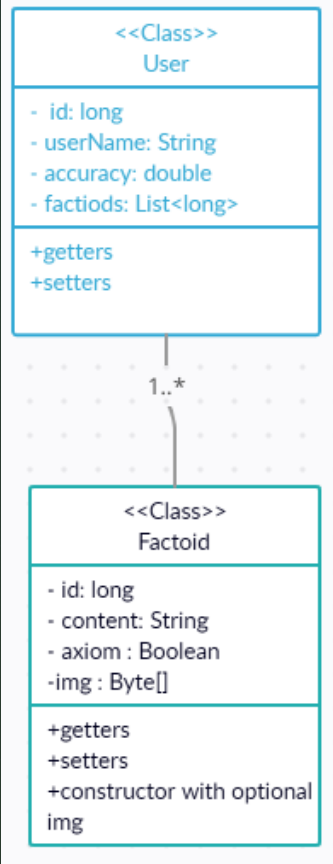
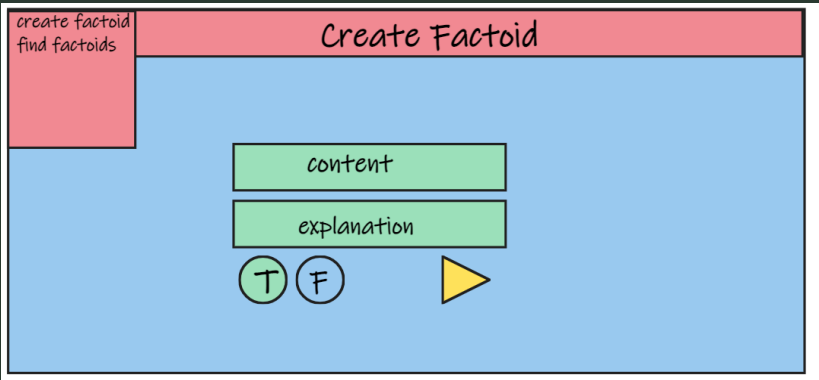
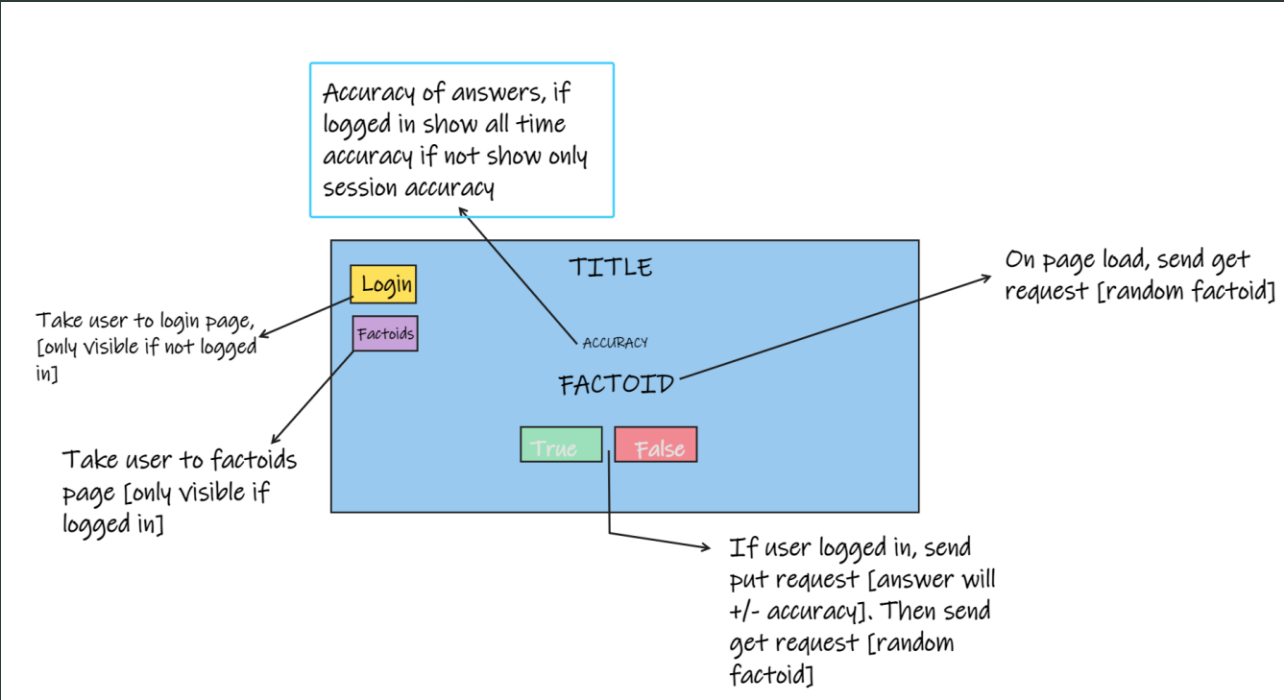
Introduction

- Hello, I'm Joshua Bloom

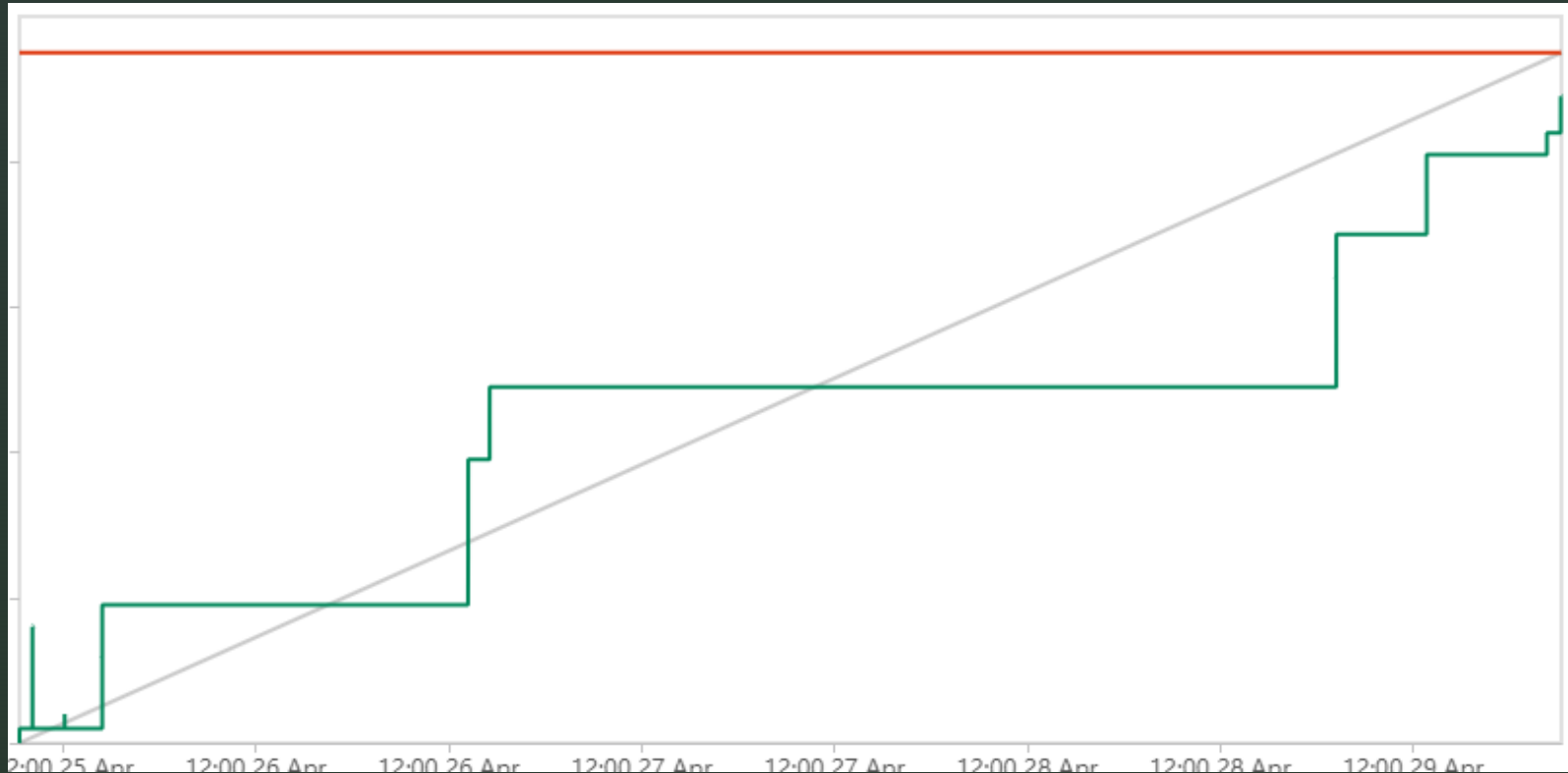
Welcome to my presentation, on my project "Fact or Fiction"
a self-contained webapp game. With a user authentication system.

Built with Java Spring Boot, and a basic HTML/JS/CSS frontend

Concept

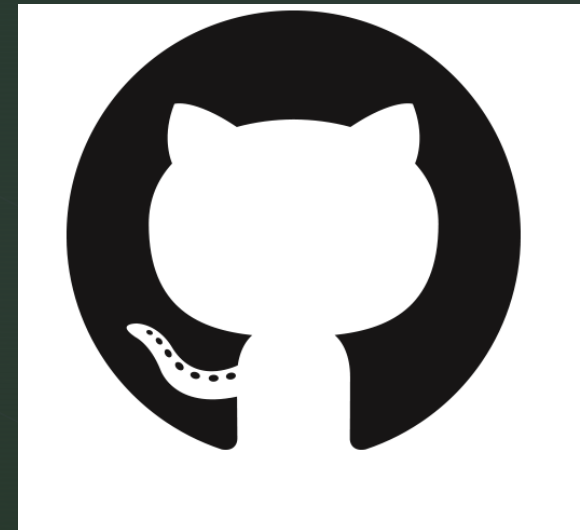
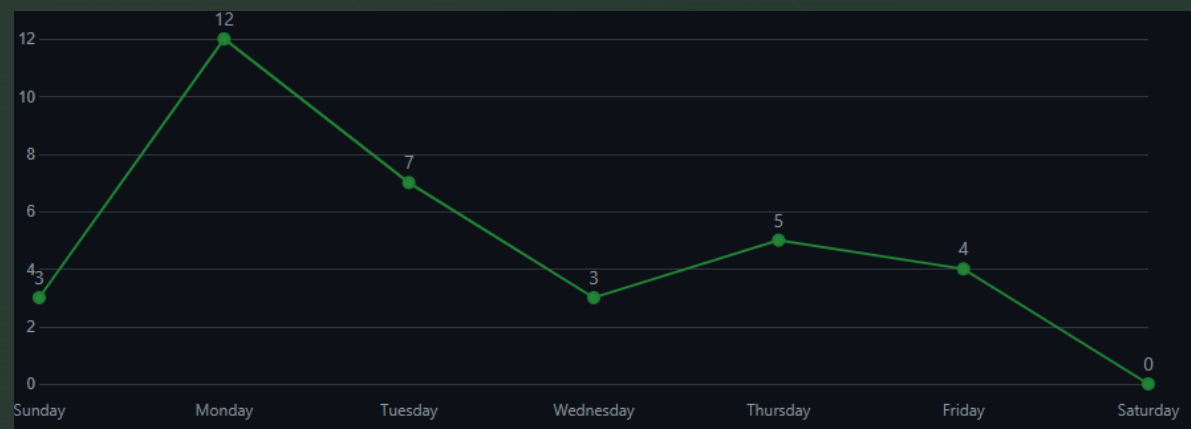
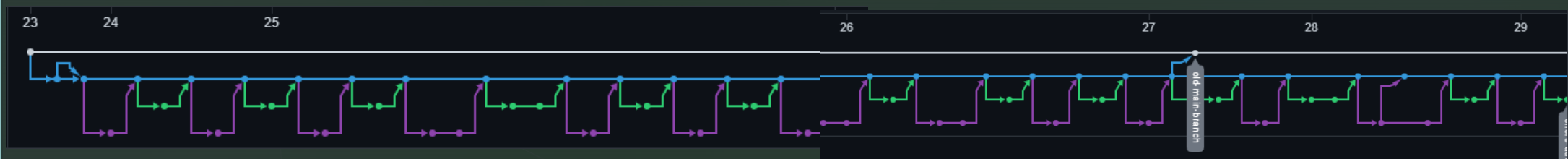


Sprint Plan

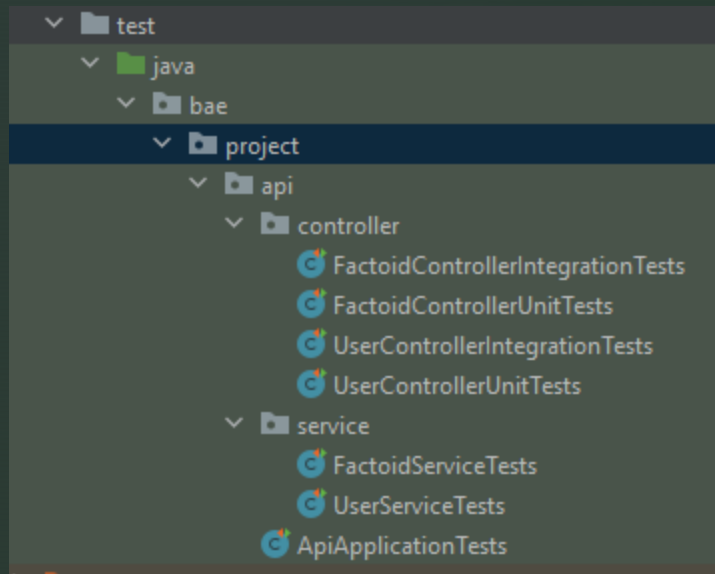


<https://joshuaqa123.atlassian.net/jira/software/projects/FALP/boards/9/reports>

CI



Testing



78% classes, 77% lines covered in 'all classes in scope'

Element	Class, %	Method, %	Line, %
bae.project.api	78% (11/14)	73% (54/73)	77% (103/...

```
@Test
public void createTest() throws Exception {
    Factoid entry = new Factoid( content: "test content", axiom: true, explanation: "test explanation");
    String entryAsJSON = mapper.writeValueAsString(entry);

    Factoid result = new Factoid( id: 2L, content: "test content", axiom: true, explanation: "test explanation");
    String resultAsJSON = mapper.writeValueAsString(result);

    mvc.perform(post( urlTemplate: "/factoid/create")
        .contentType(MediaType.APPLICATION_JSON)
        .content(entryAsJSON))
        .andExpect(status().isCreated())
        .andExpect(content().json(resultAsJSON));
}
```



Demo

10

Australia is wider than the moon!

True

False

Next

Fact or Fiction

Login

Signup

Game

FactoidStudio

Logout

Create new Factoid

Update Factoid

Delete Factoid

Get All Factoids

Clear Factoids

Find Factoid by ID

ID

ID

Submit

Sprint Review / Retro

Incomplete issues					
Key	Summary	Issue type	Epic	Status	Assignee
FALP-13	Create Entity Relationship Diagram, so that developer and stakeholder can understand model structure	Task	DOCUMENTATION	TO DO	
FALP-32	Implement splash page so that the User can learn about the webpage	Story	FRONT-END	TO DO	
FALP-49	Implement Score and leaderboard system, so users can measure their accuracy against others	Stretch Goal	FRONT-END	IN PROGRESS	
FALP-50	Find free method of hosting API so that Users across the world can play	Stretch Goal	API	TO DO	
FALP-56	Make main page (game page) look nice and add more gamification elements, so that the users has a better experience	Stretch Goal	FRONT-END	TO DO	
FALP-57	Make factoid page look nicer, so that the user has a better experience	Stretch Goal	FRONT-END	TO DO	

- <https://joshuaqa123.atlassian.net/jira/software/projects/FALP/boards/9/reports/burndown>

Conclusion

- User Authorisation is hard
- Scope Creep
- Spring Boot is powerful but annoying to work with
- Modern JS is fun



Questions

- Ask me anything