



# Choonz Project presentation for client

BY SIRISH, DAVE, AND GEORGE.

# Agenda

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Technologies used

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Set up

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GIT

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Development

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Testing Phase

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The Reveal

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Sprint Review

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Sprint retrospective

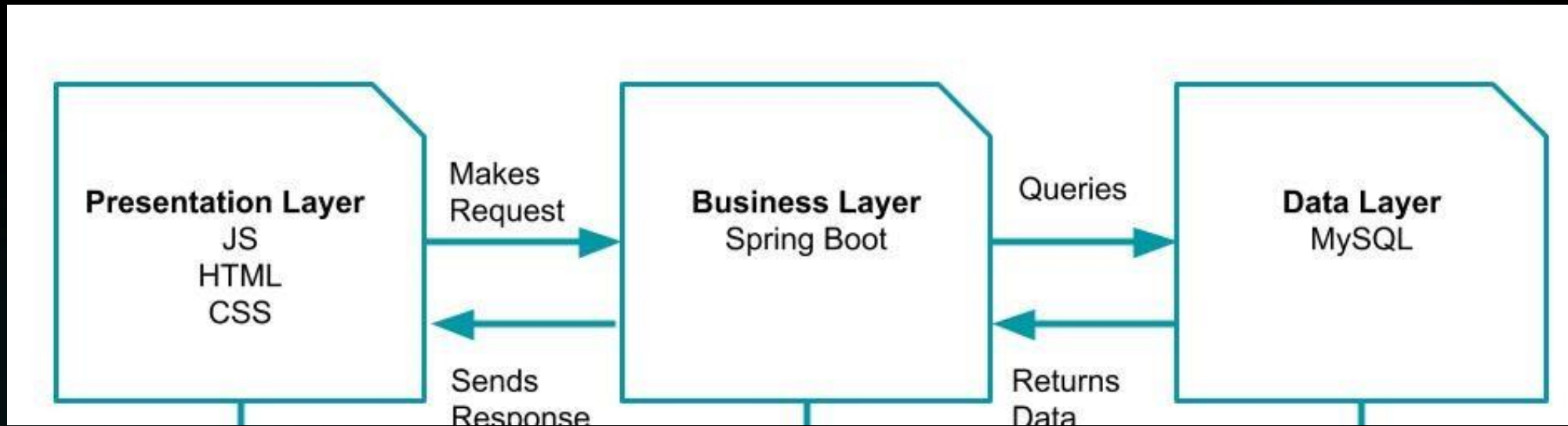
# Set up

- ▶ Looked at the brief from the client
- ▶ Jira
- ▶ Created ER and UML diagrams
- ▶ Risk Assessment

# Technologies Used

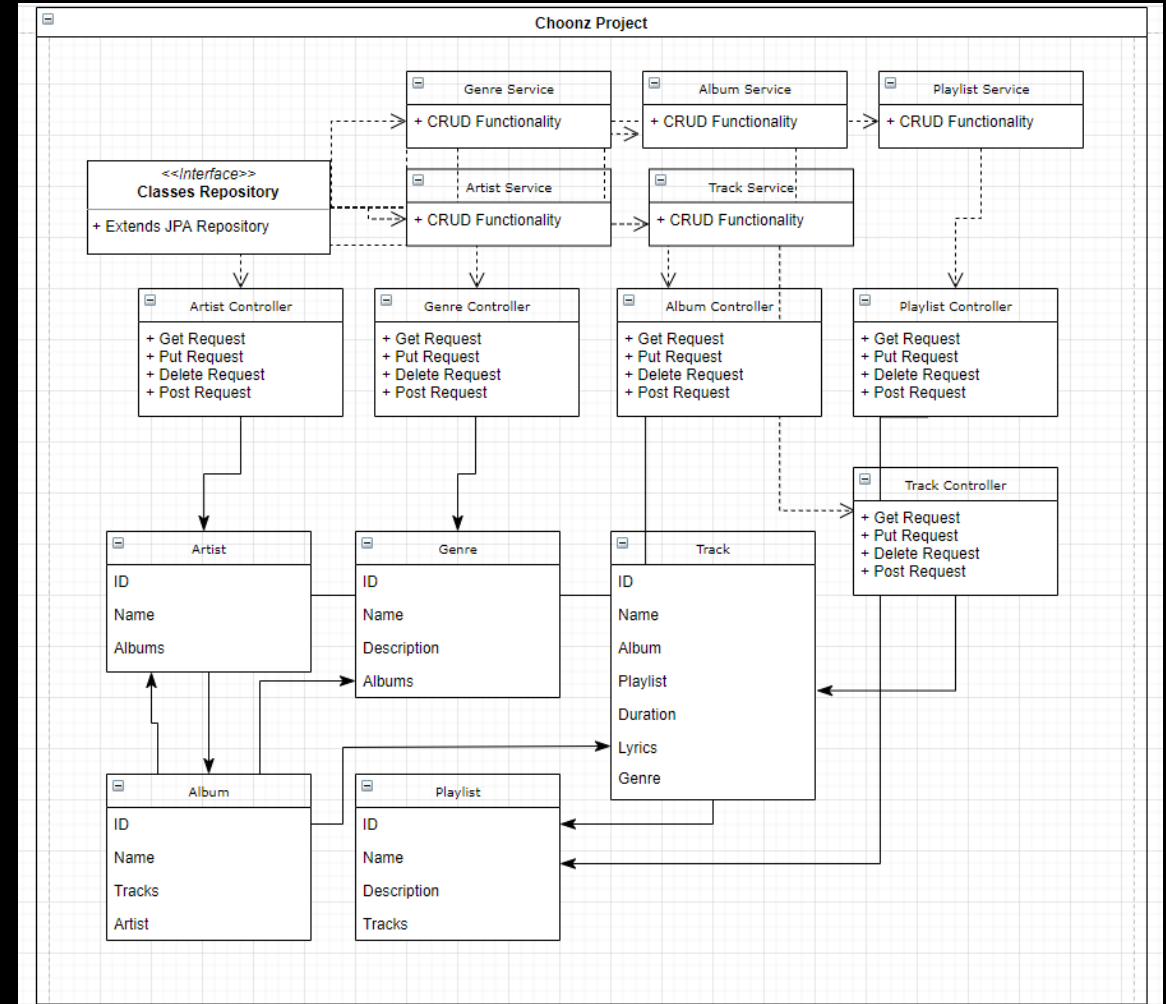
- ▶ GitHub
- ▶ Jira
- ▶ MySQL
- ▶ Java
- ▶ CSS,HTML, JavaScript
- ▶ Spring Boot
- ▶ Maven
- ▶ JUnit
- ▶ Selenium With Cucumber and Gherkin
- ▶ JMETER

# Three-Tier Architecture

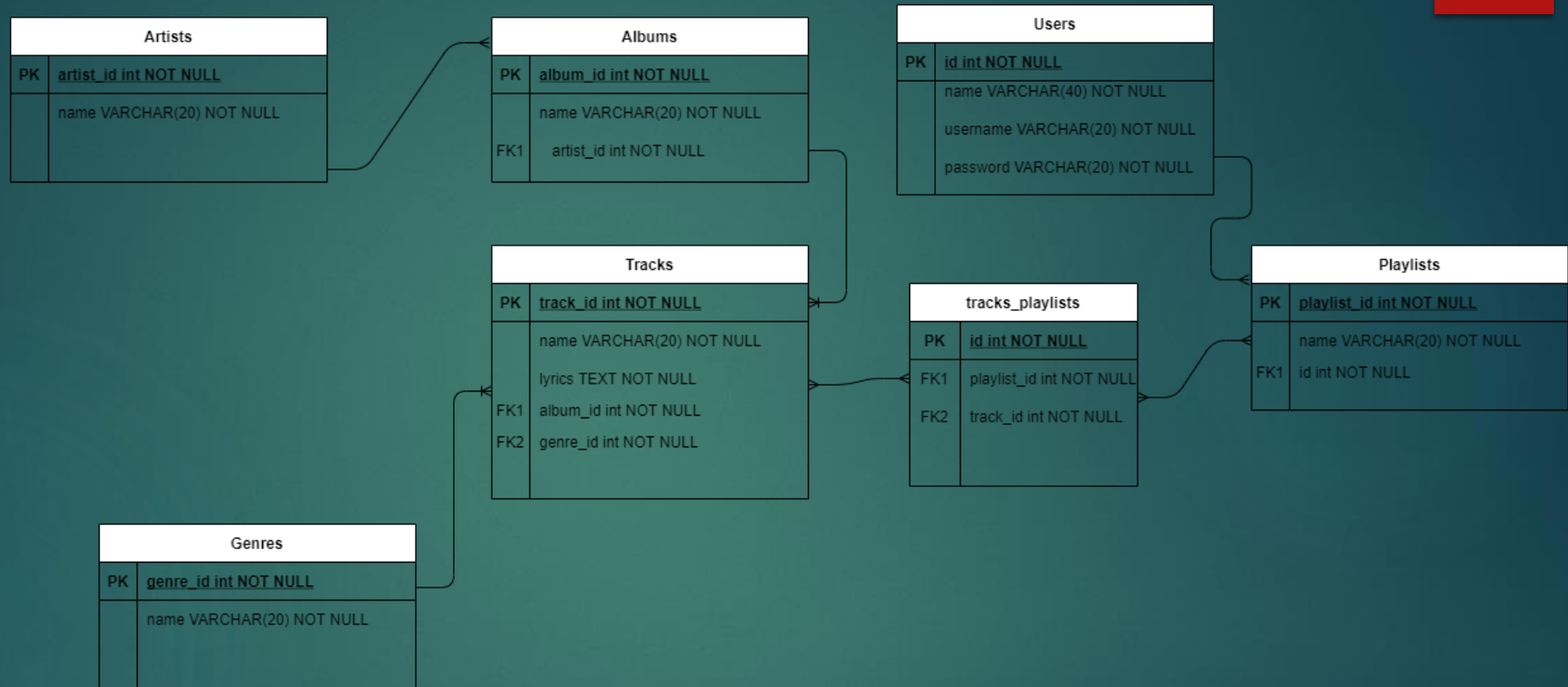


# UML

- ▶ Visually Represent the system
- ▶ Provides a Logical insight



# ERD



Helps visualize how data is connected also useful for creating relational database.

100

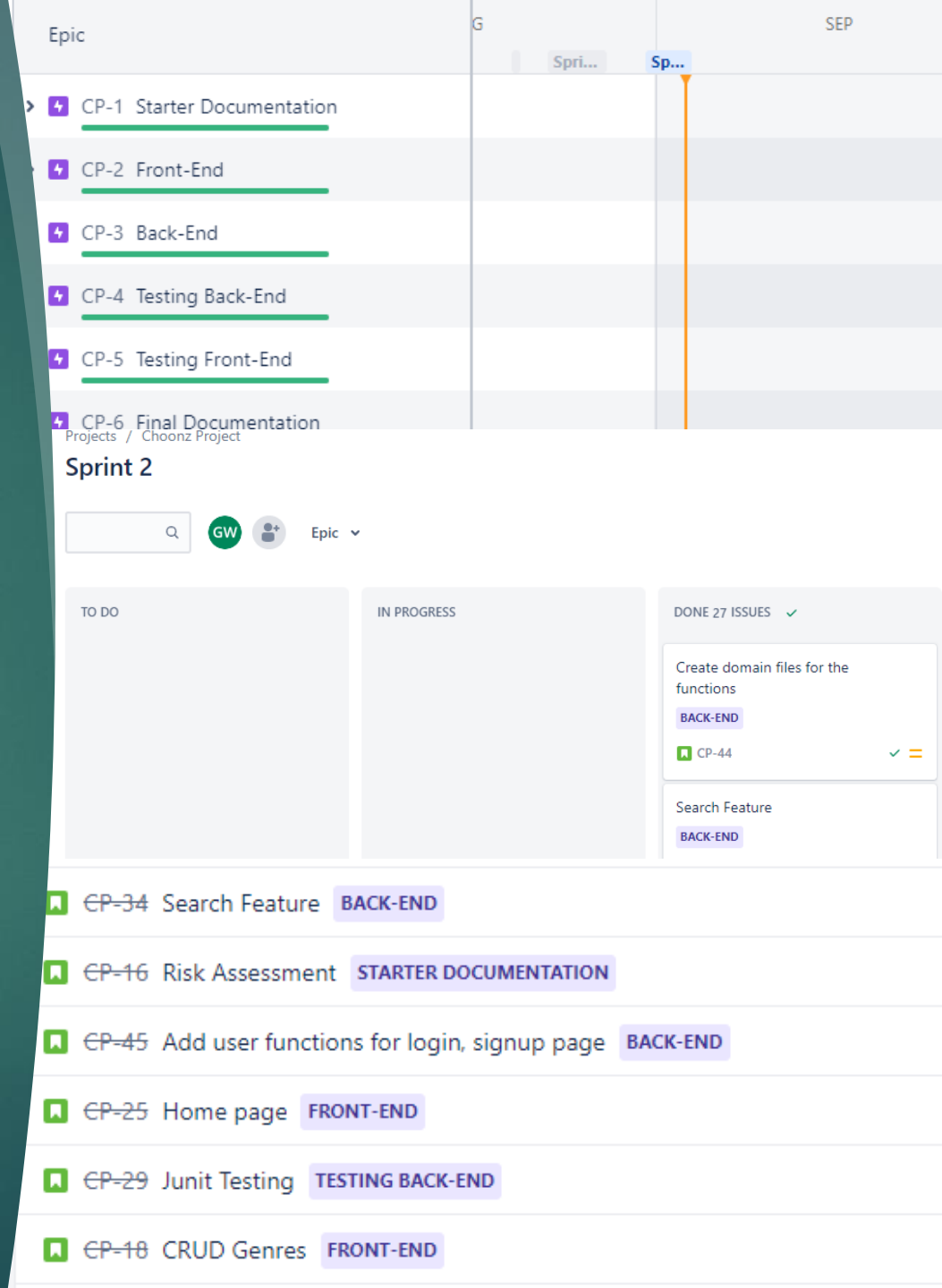
- ▶ Identifies, analyses and prioritizes risks
- ▶ Shows what may cause failure or loss of the project if they occur

[illegible]



# Jira and the Sprint

- ▶ Why use Jira?
- ▶ Sprints
- ▶ Plan







# User Stories

- ▶ Provides an insight into what we require
- ▶ Shows priority in development

Back-End / CP-34

## Search Feature






 Attach  Add a child issue  Link issue 

### Description

- As a developer, I want to be able to create a Search Controller, So that albums, artists and tracks can be searched by name.

Front-End / CP-25

## Home page

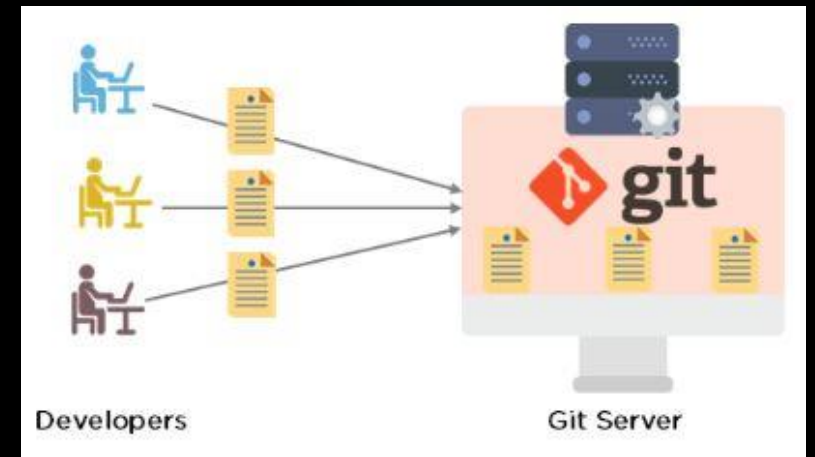
 Attach  Add a child issue  Link issue  

### Description

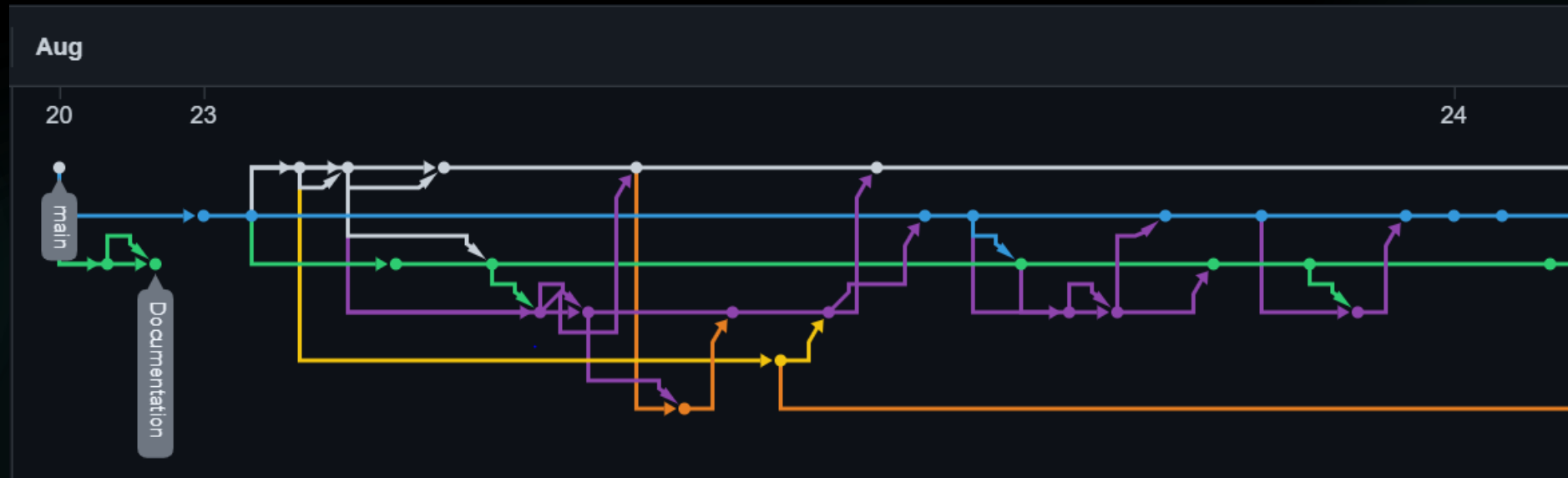
As a user i want a home page so that i can view cards of each playlist that i have created and be able to CRUD albums, artists, tracks, genres and playlists.

# Git

- ▶ Version Control
- ▶ Track any changes made by one of us
- ▶ Git is used to tracking changes in the source code



# Git Timeline



# Testing Phase

## Why test?

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Integration Tests

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Unit Tests

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User Acceptance Tests

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JMeter

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Coverage

Runs: 98/98

✖ Errors: 3

• Failures: 5

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
Team-1-Final-Project	87.4 %	9,077	1,305	10,382
src/main/java	72.5 %	2,763	1,049	3,812
src/test/java	96.1 %	6,314	256	6,570

Runs: 98/98

✖ Errors: 3

• Failures: 5

> ✔ ApplicationTest [Runner: JUnit 5] (0.000 s)  
> ✖ CucumberTestRunner [Runner: JUnit 5] (322.305 s)  
> ✔ UserDTOTest [Runner: JUnit 5] (0.224 s)  
> ✔ PlaylistDTOTest [Runner: JUnit 5] (0.000 s)  
> ✔ ArtistDTOTest [Runner: JUnit 5] (0.000 s)  
> ✔ TrackDTOTest [Runner: JUnit 5] (0.000 s)  
> ✔ AlbumDTOTest [Runner: JUnit 5] (0.000 s)  
> ✔ GenreDTOTest [Runner: JUnit 5] (0.001 s)  
> ✖ UserControllerTest [Runner: JUnit 5] (0.593 s)  
> ✔ ArtistControllerTest [Runner: JUnit 5] (0.127 s)  
> ✔ PlaylistControllerTest [Runner: JUnit 5] (0.167 s)  
> ✔ AlbumControllerTest [Runner: JUnit 5] (0.144 s)  
> ✔ GenreControllerTest [Runner: JUnit 5] (0.098 s)  
> ✔ TrackControllerTest [Runner: JUnit 5] (0.118 s)  
> ✔ AlbumServiceTest [Runner: JUnit 5] (0.052 s)  
> ✔ UserServiceTest [Runner: JUnit 5] (0.020 s)  
> ✔ TrackServiceTest [Runner: JUnit 5] (0.024 s)  
> ✔ GenreServiceTest [Runner: JUnit 5] (0.018 s)  
> ✔ ArtistServiceTest [Runner: JUnit 5] (0.017 s)  
> ✔ PlaylistServiceTest [Runner: JUnit 5] (0.018 s)



# The reveal

# Sprint Review

- ▶ Created a finished application for the client
- ▶ Problems encountered- git conflicts, front-end design, test issues connecting with SQL

# Sprint Retrospective

- ▶ Team work experience
- ▶ Previous projects helped





Conclusion

Any Questions?