



Product Owner: Chetan Pardeep

Scrum Master: Ashley Cameron

Developers: Carl Angeles, Nathan Jackson, Sam Williams



Funky & Functional

INITIAL SETUP

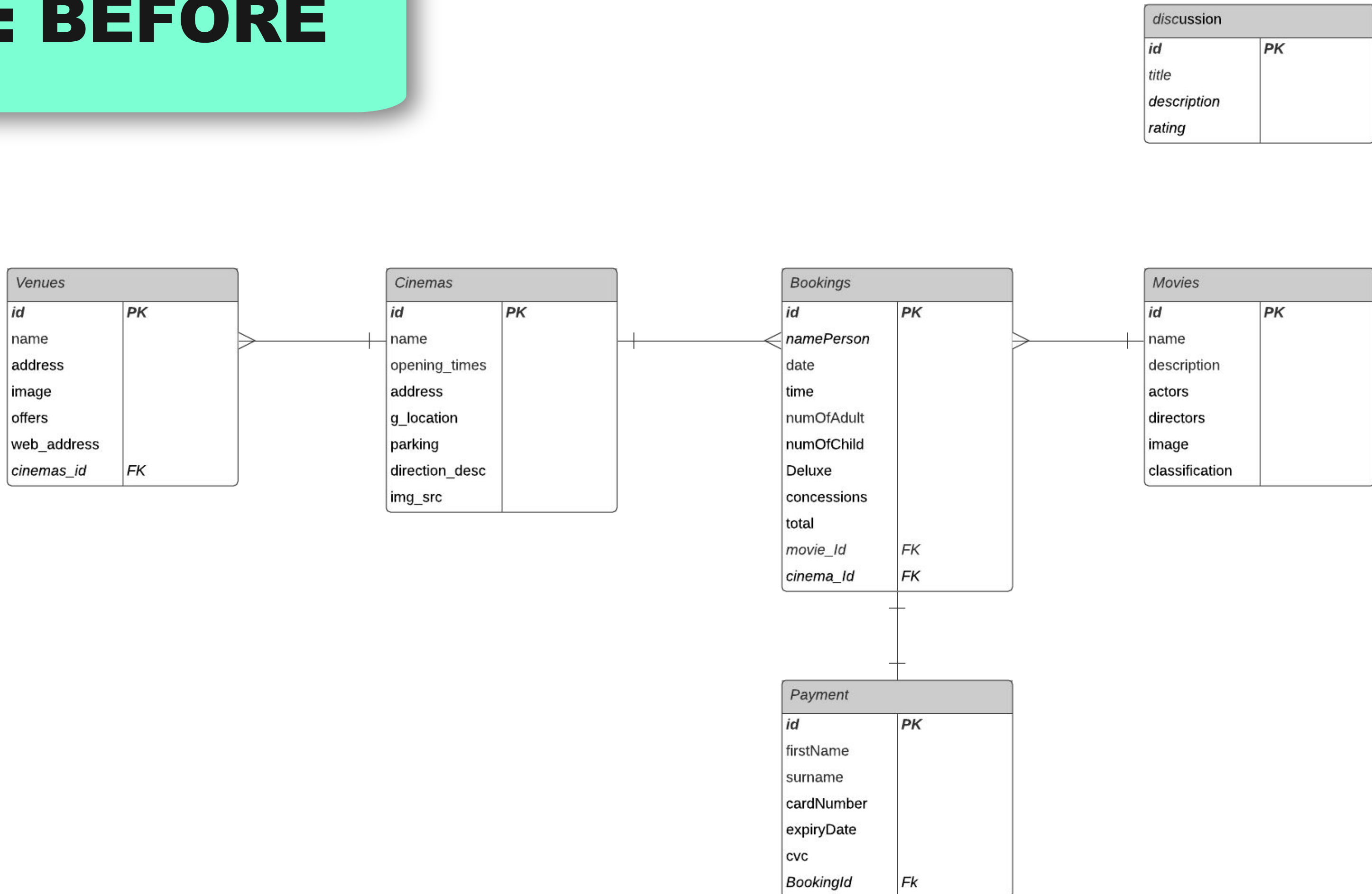
A group of five people in a modern office setting. Two men are standing and talking, one holding a tablet. Three people are seated at a table with laptops and documents, looking towards the standing pair. A corkboard with sticky notes is in the background.

| Risk | | | Impact | | Mitigation / What to do | Outcome |
|------|-------------|--|--------|----------|---|---------|
| ID | Date Raised | Description | Probs | Severity | Plan | Status |
| 1 | 12/02/21 | Cause: Covid-19 sickness Impact: Unable to complete tasks efficiently and accurately which will reduce the progress of the project and could possibly result in completing the project. | 3 | 5 | <ul style="list-style-type: none">Adhere to covid rules.Only go out for essentialsIf it does occur, speak to a trainer and explain the situation. | |
| 2 | 12/02/21 | Cause: Missing deadlines set within sprints Impact: Delays the project and adds pressure to work during uncontracted hours. Furthermore it could reduce the quality of the project as tasks will be done in a rush. | 4 | 3 | <ul style="list-style-type: none">Keep track of tasks.Reorganise schedule. | |
| 3 | 12/02/21 | Cause: wrongfully estimating effort for tasks Impact: Delay the project by taking longer to do a task which was initially listed as low effort. | 5 | 2 | <ul style="list-style-type: none">Set realistic effort to user stories.Even Though it is hard to estimate, be quick to notice if a task requires more time and realign the schuele. | |
| 4 | 12/02/21 | Cause: not knowing the technologies Impact: it will take longer to learn the technology which means it will delay the project and could hinder the quality of the project. | 4 | 4 | <ul style="list-style-type: none">If you don't know the technology, ask plenty of questions to get confident in using it.Practice on examples. Don't apply it in the project if you don't know it, instead learn it. | |
| 5 | 12/02/21 | Cause: Configured the database wrong. Impact: won't be able to host my application or have a functional back end. | 2 | 3 | <ul style="list-style-type: none">Configure it correctly and test it, before starting the project. | |

| Risk Matrix | | | | | |
|-------------|----------------|-----------|--------------|-----------|------------------|
| | Incidental (1) | Minor (2) | Serious (3) | Major (4) | Catastrophic (5) |
| V High (5) | | 3 | | 9 | |
| High (4) | 7 | | 2 | | |
| Medium (3) | 12 | | 14,13, 10, 8 | | 1 |
| Low (2) | 11 | 10 | 5 | | 6 |
| V Low (1) | 8 | | | | |

RISK ASSESSMENT

ERD: BEFORE



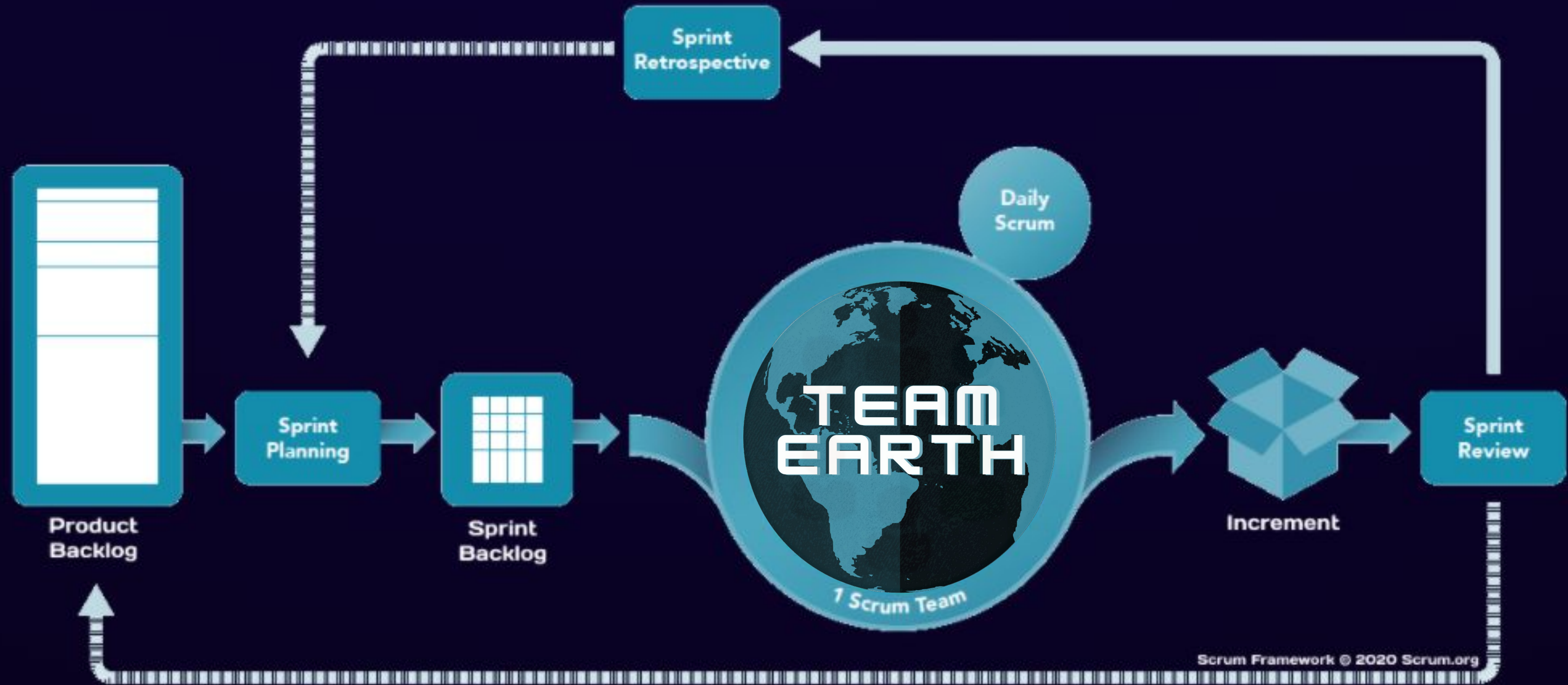
ERD: AFTER



OUR PROCESS

A group of five people in a modern office setting. Two men are standing and talking, one holding a tablet. Three people are seated at a table with laptops and documents, looking towards the standing pair. A corkboard with sticky notes is in the background.

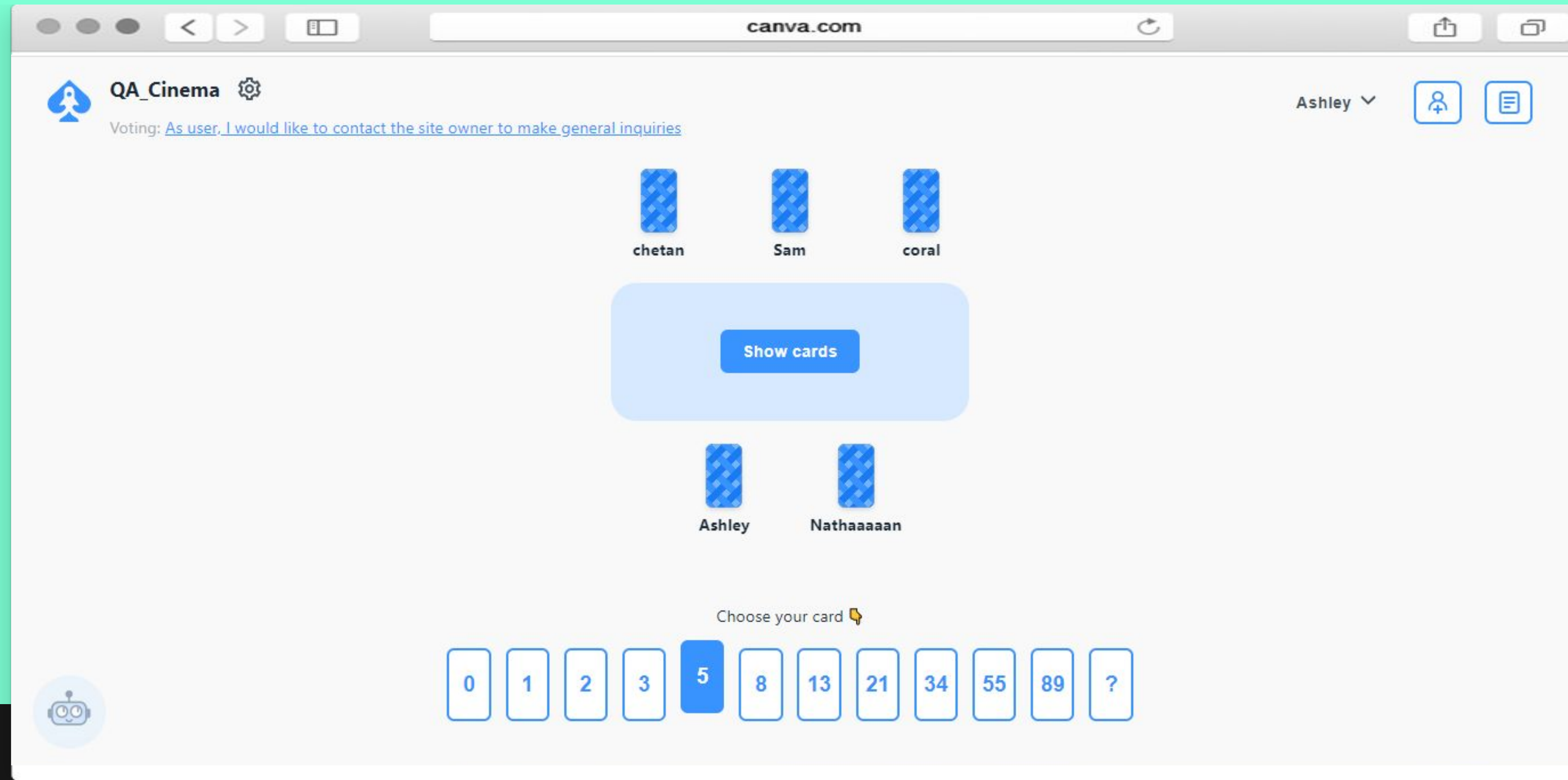
SCRUM FRAMEWORK





JIRA

PLANNING POKER



KANBAN BOARD

The screenshot displays the Jira Software interface for a project named 'QA_Cinema'. The top navigation bar includes 'Jira Software', 'Your work', and various filters and dashboards. The main content area shows the 'QA_Cinema' project with a 'QAC Sprint 2' board. The board is organized into four columns: 'TO DO 1 ISSUE', 'IN PROGRESS', 'STUCK', and 'DONE 8 ISSUES'. The 'TO DO' column contains one issue, 'Style the site to the groups standards' (QAC-104). The 'IN PROGRESS' column is empty. The 'STUCK' column is empty. The 'DONE' column contains three issues: 'A user should be able to find local venues and attractions where they can visit before hand' (QAC-57), 'As user I would like to see images of posters for movies, So I can see what is currently being shown.' (QAC-61), and 'As a user, I would like to be moderated to ensure that inappropriate content is not displayed So that only honest reviews are given.' (QAC-48). Each issue card includes a description, a title, and a status. The 'DONE' column also features a 'PLACES TO GO' section with a link to 'QAC-57' and a 'LISTING GALLERY' section with a link to 'QAC-61'. A 'DISCUSSION BOARD' section is also visible with a link to 'QAC-48'. The bottom right corner of the interface includes a 'Quickstart' button.

canva.com

Jira Software Your work Projects Filters Dashboards People Apps Create

QA_Cinema Next-gen software project

Roadmap Backlog Board Code Project pages QA_Cinema Add item Project settings

Projects / QA_Cinema

QAC Sprint 2

Fully functional website with completed testing

2 days remaining Complete sprint

GROUP BY None

TO DO 1 ISSUE

IN PROGRESS

STUCK

DONE 8 ISSUES

Style the site to the groups standards QAC-104 SW

A user should be able to find local venues and attractions where they can visit before hand QAC-57 CP

As user I would like to see images of posters for movies, So I can see what is currently being shown. QAC-61 SW

As a user, I would like to be moderated to ensure that inappropriate content is not displayed So that only honest reviews are given. QAC-48 CA

PLACES TO GO

LISTING GALLERY

DISCUSSION BOARD

Quickstart

SPRINT BACKLOG

The screenshot displays the Jira Software interface for a project named "QA_Cinema". The top navigation bar includes "Jira Software", "Your work", "Projects", "Filters", "Dashboards", "People", "Apps", and a "Create" button. A search bar is located on the right. The left sidebar shows the project's navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, QA_Cinema, Add item, and Project settings.

The main content area is titled "Backlog" and shows a list of issues under the "QA_Cinema" project. The issues are organized into a "Sprint" named "QAC Sprint 2" (22 Feb - 1 Mar) with 9 issues. The issues are listed with their IDs, descriptions, labels, and status. The status bar at the bottom of the sprint shows 0 Done, 0 In Progress, and 103 To Do items.

The right sidebar shows the "Places to Go" section with a "QAC-57" issue selected. The issue details include a description, child issues, a MoSCow Label, an Assignee (Chetan Pardeep), a Sprint (QAC Sprint 2), and a Story point estimate (17). A comment box is also visible at the bottom of the sidebar.

| Issue ID | Description | Label | Status | Assignee |
|----------|--|------------------|--------|----------|
| QAC-57 | A user should be able to find local venues and attractions where they can visit before hand | PLACES TO GO | DONE | CP |
| QAC-61 | As user I would like to see images of posters for movies, So I can see what is currently being shown. | LISTING GALLERY | DONE | SW |
| QAC-48 | As a user, I would like to be moderated to ensure that inappropriate content is not displayed So that only honest r... | DISCUSSION BOARD | DONE | CA |
| QAC-18 | As a site owner I want an email form for visitors to use so that I do not expose my email address on the internet. | EMAIL FORM | DONE | CA |
| QAC-17 | As a customer, I want to be able to book tickets for a specific movie, so that I can see the movie I want | TICKET BOOKINGS | DONE | NJ |
| QAC-29 | As a customer, I want to by paypal details, so that it is much safer to pay | PAYMENT | DONE | |
| QAC-115 | As a user, I want to have search bar So that I retrieve the information on movies faster. | HOME PAGE | DONE | NJ |
| QAC-112 | As a user, I should be able to click the images So I can get further details on the classification. | CLASSIFICATIONS | DONE | AC |
| QAC-104 | Style the site to the groups standards | | TO DO | SW |

JIRA BOARD

16

Epic Stories

36

User Stories

2

Sprints

DEVELOPMENT PROCESS

A group of five diverse professionals in a modern office setting. Two men stand in the background, one holding a tablet displaying charts. Three people are seated at a wooden table in the foreground, working on laptops and reviewing documents. A corkboard with sticky notes is visible on the wall.

Technologies Used

Back-End:

- GCP
- Scala
 - Slick
 - Play Framework



Front-End:

- Scala Twirl
- HTML
- CSS/Bootstrap



Testing:

- Selenium
- Scala Test



Work Management:

- Jira
- Github



DEMONSTRATION

A group of five people are in a meeting. Two men are standing and presenting to a group of three people seated at a table. The man on the left is holding a tablet displaying charts, and the man on the right is holding a pen. The seated people are looking at the presenters and their laptops. The background features a corkboard with sticky notes.

FRONT END

Extensive Selenium
testing carried out

19
Total Tests

All Functional
Pages Tested


FRONT END ISSUES


Issues












- Bootstrap changing form types
- Error in approach
- Bootstrap button functionality


Solutions







- Changing to custom styling
- Switching imports
- Check existence of elements rather than value


▼  app 73% classes, 92% lines covered

▼  controllers 100% classes, 96% lines covered

-  AboutController 100% methods, 100% lines covered
-  BookingController 100% methods, 100% lines covered
-  ClassificationController 100% methods, 100% lines covered
-  ContactController 100% methods, 83% lines covered
-  DiscussionController 100% methods, 100% lines covered
-  GalleryController 100% methods, 100% lines covered
-  GettingHereController 100% methods, 85% lines covered
-  HomeController 100% methods, 100% lines covered
-  OpeningTimesController 100% methods, 100% lines covered
-  placesToGoController 100% methods, 100% lines covered
-  ScreenController 100% methods, 100% lines covered

▼  dao 58% classes, 91% lines covered

-  package
-  bookingDAO
-  cinemaDAO
-  discussionDAO
-  movieDAO
-  venuesDAO

▼  models 68% classes, 88% lines covered

-  package
-  Actors
-  Booking
-  Cinema
-  Discussion
-  Movies
-  Venue

Testing

73%

Class Coverage

92%

Line Coverage

21/21

Tests Passed

SPRINT MEETING

Sprint Review

Completed:

- MVP
- Automated moderation
- Extensive search capability
- Scalability

Uncompleted:

- User and Admin Login capability
- User Feedback
- Movie trailers
- Users Analytics

Sprint Retrospective

What went well?

- Effective project tracking
- Project completion within time
- Story estimations were accurate
- User stories facilitated the project
- Smart Commits with Jira Issues
- Cohesive project organisation

How to improve?

- Keep to minimum for epics
- Repetitive user stories should be removed
- Sprint planning should be done start of the week

***"Politeness is the poison of
collaboration"***

- Edwin Land

