

# QA Cinemas

Emmanuel, Leighton, Rianna, Will

# Introduction

## Who are Team Monster?

Emmanuel

- ◆ Business Economics Grad
- ◆ Developer

Rianna

- ◆ Business and Management Grad
- ◆ Developer

Leighton

- ◆ Developer/Scrum Master

Will

- ◆ Maths/Comp Sci Grad
- ◆ Developer

# Concept

## Our Approach

- ◊ Regular Communication
- ◊ Splitting Roles up
- ◊ Working based on strengths



# Sprint Plan

- ◇ Focussed on MVP
- ◇ Jira
- ◇ Brainstormed as a group to produce tasks
- ◇ Planning Poker
- ◇ Harder Tasks first
- ◇ Wireframe

# Sprint Plan (First)

- ◇ Created Issues in Jira
- ◇ Selected a good range of Issues
- ◇ Work together first
- ◇ Split apart into our strengths
- ◇ Finished early, kept high quality.
- ◇ Started some Second Sprint work early



The screenshot shows a Jira Sprint Plan for 'QC Sprint 1' with 11 issues. The sprint dates are 01/Mar/21 10:00 AM to 05/Mar/21 11:59 PM. The assignees are EL, LM, RJ, and WM. The issues are listed in a table with checkboxes, titles, assignee avatars, issue keys, and priority arrows.

Issue	Assignee	Issue Key	Priority
<input checked="" type="checkbox"/> New Releases Gallery	WM	QC-4	↑
<input checked="" type="checkbox"/> Listing Gallery	WM	QC-2	↑
<input checked="" type="checkbox"/> Discussion Board	LM	QC-11	↑
<input checked="" type="checkbox"/> Places to go	EL	QC-9	↑
<input checked="" type="checkbox"/> Ticket Bookings		QC-7	↑
<input checked="" type="checkbox"/> Home Page		QC-1	↑
<input checked="" type="checkbox"/> Classifications	EL	QC-5	↑
<input checked="" type="checkbox"/> Contact page	RJ	QC-10	↑
<input checked="" type="checkbox"/> About Page	RJ	QC-17	↑
<input checked="" type="checkbox"/> Complete Risk Assessment		QC-12	↑
<input checked="" type="checkbox"/> Complete README.md		QC-14	↑

# Sprint Plan (Second)

- ◆ Focus on being more accurate with story points
- ◆ Had a better idea of what we were aiming for in Completion Criteria
- ◆ Focus on Styling
- ◆ Brought in our Project manager to check progress

<input checked="" type="checkbox"/> Complete Powerpoint	RJ QC-13 ↑
<input checked="" type="checkbox"/> Style About Page	QC-49 ↑
<input checked="" type="checkbox"/> Testing for Payment	QC-51 ↑
<input checked="" type="checkbox"/> Style Home Page	QC-48 ↑
<input checked="" type="checkbox"/> Complete Footer	QC-50 ↑
<input checked="" type="checkbox"/> Testing for Booking	QC-52 ↑
<input checked="" type="checkbox"/> Add information to bookings page	QC-60 ↑
<input checked="" type="checkbox"/> Add extra payment/bookings functionality	QC-53 ↑
<input checked="" type="checkbox"/> Style Discussion page	QC-59 ↑
<input checked="" type="checkbox"/> Style screens page	QC-54 ↑
<input checked="" type="checkbox"/> Style Search Page	QC-58 ↑
<input checked="" type="checkbox"/> Style Places To Go	QC-55 ↑
<input checked="" type="checkbox"/> Style Getting There	QC-56 ↑
<input checked="" type="checkbox"/> Style Contact Page	QC-57 ↑



# Consultant Journey



Technologies Learnt for this project

- ◇ MERN Frameworks,
- ◇ MBootstrap/Reactstrap,
- ◇ Postman - Routes
- ◇ Git – Version Control
- ◇ Express Testing - Mocha/Chai
- ◇ JEST

# CI: Approach to GIT

## ◆ How did we approach git as a team?

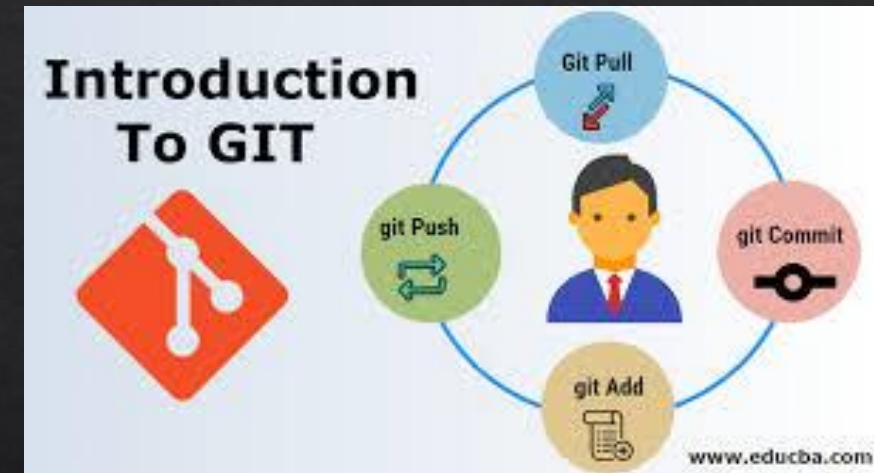
We had multiple feature branches, merged those back into a dev branch, finally into the master branch.

## ◆ What worked/ what didn't work

Overall, our approach worked well with hardly any issues.

Communicated regularly when merging into dev to remind to fetch/pull

One issue we had was when two of us were working on the back-end and changing similar files.





File	% Stmts	% Branch	% Funcs	% Lines
<b>All files</b>	<b>78.92</b>	<b>38.1</b>	<b>77.36</b>	<b>78.92</b>
QACinemas	92.31	0	50	92.31
server.js	92.31	0	50	92.31
QACinemas/config	93.75	50	100	93.75
db.js	93.75	50	100	93.75
QACinemas/routes	74.19	41.67	79.17	74.19
booking.js	66.67	33.33	66.67	66.67
discussion.js	83.33	50	88.89	83.33
film.js	74.42	42.86	82.35	74.42
payment.js	72.73	40	76.92	72.73

## Testing/Test Coverage

- Unit Tested the back-end routes.
- Using Mocha and Chai two frameworks used to test.
- Used NYC for the coverage check seen here.

```

15 describe(`Discussion Routes`, () => {
16
17
18   it(`Test /getAll route`, (done) => {
19     //request is to http://localhost:5019/discussion/getall
20     chai.request(app)
21       .get("/discussion/getAll")
22       .end((err, response) => {
23         if (err) done(err);
24         expect(response).to.have.status(200);
25         expect(response.body).to.not.be.null;
26         response.body.map((discussion) => expect(discussion).to.contain.key("_id"));
27         response.body.map((discussion) => expect(discussion).to.be.a('object'));
28         response.body.map((discussion) => expect(discussion._id).to.be.a("string"));
29         done();
30       });
31   });
32

```



[About](#) [Opening Times](#) [Gallery](#) [Classifications](#) [Screens](#) [Ticket Bookings](#) [Places To Go](#) [Getting There](#) [Search](#) [Contact](#) [Discussion](#)








# Welcome to QA Cinemas



## Demonstration

We will now demo our website for you

# Sprint Review

TO DO	IN PROGRESS	DONE
		<div>Complete Powerpoint</div> <div><input checked="" type="checkbox"/> </div> <div>QC-43 </div>
		<div>Style About Page</div> <div><input checked="" type="checkbox"/> </div> <div>QC-49</div>
		<div>Testing for Payment</div> <div><input checked="" type="checkbox"/> </div> <div>QC-51</div>
		<div>Style Home Page</div> <div><input checked="" type="checkbox"/> </div> <div>QC-48</div>
		<div>Complete Footer</div> <div><input checked="" type="checkbox"/> </div> <div>QC-50</div>
		<div>Testing for Booking</div> <div><input checked="" type="checkbox"/> </div> <div>QC-52</div>

# Sprint Retrospective

What Went Well?	What Could Be Improved?
Team-Work	Story Point estimates
Approach to Git	More user stories relating to design
<b>Communication</b>	Writing better reuseable code/comments
Time Management	<b>Detailed User Stories</b>



# Conclusion

## Our Thoughts.

- ◇ First time working as a group towards a fully working application.
- ◇ Enjoyed the project
- ◇ Good Fun



# References

- ◇ [Bootstrap Icons · Official open source SVG icon library for Bootstrap \(getbootstrap.com\)](https://getbootstrap.com/icons/)
- ◇ [+70 Bootstrap 4 Animations - examples & tutorial. Basic & advanced usage - Material Design for Bootstrap \(mdbootstrap.com\)](https://mdbootstrap.com/animations/)
- ◇ [reactstrap - React Bootstrap 4 components](https://reactstrap.net/)
- ◇ [Beautiful Free Images & Pictures | Unsplash](https://unsplash.com/)
- ◇ [Vue | Cinema Listings & Latest Movies | Book Film Tickets \(myvue.com\)](https://myvue.com/)
- ◇ [Latest Movies - New Films - 3D Movies | Cineworld Cinemas](https://cineworld.co.uk/)
- ◇ <https://css-tricks.com/snippets/html/mailto-links/>
- ◇ [https://www.w3schools.com/react/react\\_css.asp](https://www.w3schools.com/react/react_css.asp)
- ◇ [React Movie App Tutorial - Build A Fun Portfolio Project with React and the OMBD API \(freecodecamp.org\)](https://www.freecodecamp.org/tutorial/react-movie-app-tutorial-build-a-fun-portfolio-project-with-react-and-the-omdb-api/)
- ◇ [ODEON - Latest Movies and Cinemas Listings | Book Tickets, Films Showtimes, Cinema Listings](https://www.odeon.co.uk/)



# Questions

