Moscow

Must have:

* Full commitment to an Agile Approach, including *daily stand-up meetings* and utilisation of sprints, user stories and other **sprint artifacts**.
* A fully expanded Kanban board with user stories, tasks needed to complete the project.
* A fully fleshed out Risk Assessment with matrix, showing the risks and issues of the project.
* Code fully integrated into a central repository using a Version Control System. This repo should incorporate **pull and merge requests**, repo ownership, **Feature Branch Model,** and any other aspects you deem appropriate.
* Fully designed back-end using **Node** and API development tool using **Express**.
* Fully designed front-end using **React** that is responsive and reactive.
* Database management system using **MySQL or MongoDB** deployed locally or using a cloud provider
* Fleshed out Test Suite covering unit and integration testing for the backend, as well as automation and user acceptance tests for the front end. Industry standard of **80%** should be strived for.

**Website Requirements**

These requirements have been deemed by the Client as ‘essential’ components of the site, and therefore should be part of your MVP.

**Home page**

The QA Cinemas site needs a home page. The home page shall:

* Be generally attractive
* The page shall be the default for the entire site
* Starting from the home page, site users may navigate to other areas of the site
* The site should have a picture or graphic evocative of the movies or the cinema on it
* Communicate to the viewer the purpose of the site

**Listings Gallery**

The site should include an image gallery poster for the movies currently showing.

* The gallery is part of the overall site navigation
* At least 4 different movie images
* Each image appears on its own page
* Each image has supporting text including Title, actors, director and showing times

**Opening Times**

The site has a dedicated page to list the opening times.

* The page is part of the overall site navigation
* The page has details about the opening times of the cinema.

**New Releases Gallery**

The site should include an image gallery posters for forthcoming movies.

* The gallery is part of the overall site navigation
* At least 4 different movie images
* Each image appears on its own page
* Each image has supporting text including Title, actors and director

**Classifications**

The site has a page dedicated to the film classification system

* The page is part of the overall site navigation
* The site answers the following questions and includes any other relevant facts:
* What are the standard film classifications?
* What are the rules and conditions relating to each classification?
* The page may link out to external resources with more detail on individual items

**Screens**

The site has a page dedicated to the screens

* Include image of the seating plan of the standard screen
* Include an image showing the décor for the standard screen
* Include image of the seating plan of the deluxe “Directors Box” screen
* Include an image showing the décor for the deluxe screen

**Ticket Bookings**

The site should include a page dedicated to booking tickets.  
The page is part of the overall site navigation

* Booking should include the following information:
* Movie title
* Screening date and time
* Name of booker
* Number of seats
* Adult
* Child
* Concession

**Payment**

The site should include a page dedicated to paying for tickets that are booked in advance.

* Payment page should gather the following information:
* Card holder’s name
* Card number
* Expiry date
* Security code/CVC  
  Details should be saved and passed onto an external merchant for processing

**Places to Go**

The site should include information about local venues where customers can visit before or after the movie.

* The page is part of the overall site navigation
* Venues can include bars and restaurants
* Each venue should include the following information:
* Image of the venue (inside or out)
* Description
* Details of any offers relating to the cinema
* Contact details

**Getting There**

The site should include a page dedicated to the location of the cinema.

* The page is part of the overall site navigation
* Include information on the following, as well as any other interesting and relevant facts
* External image of the cinema
* Address
* Directions from bus/train stations
* Parking
* Google/Bing map

**Discussion Board**

This page provides customers with the means to discuss movies and their experiences at the cinema.

* Page appears in the primary navigation
* Users can comment on movie related topics
* Users can rate films that they have seen
* Users’ posts should be moderated to ensure that inappropriate content is not displayed

**Background**

The background color should not be white.

* None of the pages on the site have a white background
* The color may be any non-white color the team chooses

**Site Navigation**

As a site visitor unfamiliar with the site  
I want to navigate to various areas of the site in a uniform and predictable manner  
So that I can find information I am interested in:

* Availability: The site navigation is present on all pages of the site.
* Uniformity: The site navigation appears identically on all pages that include it

**Search**

As a movie fan with specific knowledge of what I am looking for. I want a site feature that lets me search by keyword so that I can find the exact content I am interested in.

* Initial Search Text: Given the search box is rendered  
  Then it has the words “Search Term” in it  
  And the words are rendered in light gray
* Enter Search Term: Given the user clicks the search term box; When the mouse cursor is positioned inside the box  
  Then the words “Search Term” go away and are replaced by whatever the user types
* Results are Returned: Given I enter a search term in the search box. When I click the Search button. Then links to relevant content are returned in a list.

**Email Form**

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.

* Mandatory Subject: Given the subject is not filled in when the Submit button is clicked, then the user gets a message indicating that the subject is required.
* Email Format: Given the form is completely filled out when the Submit button is clicked, then each field from the email form is included in the resulting email sent to the recipient
* Valid Email Format: Given the user’s email is not in standard email address format when the Submit button is clicked, then the user gets a message indicating the email must be in a valid format.

**About Page**

There shall be an About page on the site. This page is about the team that created the site and is an area to provide credits and a way for the team to sign its work.

* The page is part of the overall site navigation
* The name of team member appears on this page
* Include any accompanying information the team member would like to share.
* Twitter handle
* Email address
* Blog, company website, etc.
* The About Page must have a link to the Contact Page

**Contact Page**

The contact page provides a way for a site visitor to contact the site owner.

* The page is part of the overall site navigation
* Must include a way to contact the site owner electronically.
* Use the email address of the Product Owner for any email addresses
* Use the location of the training facility as the physical contact address

Should have:

* Page, Header & footer
* Database tables.
* CRUD functionality for each table.
* Mocha/Chai Tests aiming for 80% line cover.
* Documentation relating to the project scope.
* A README file with instructions on use and links to Jira, GitHub Selenium repo.

Could have:

**Page Header & Footer**

Each page of the site contains a uniform header and footer, both with links to commonly accessed pages.

* The footer appears identically on all pages of the site.
* The footer links to the Home Page
* The footer links to the About Us
* The footer links to the Contact Page

**Scrum Description**

The About Page should include a description of the Scrum process used by the Team to develop the site.

* The page should link to Scrum.org
* The page should describe Scrum at a high level
* The page should explain how the Team used Scrum and how it affected the creation of the site
* The section of the page dedicated to this content should be visibly distinct and separate from the other content on the page

**Custom Logo**

The site has a custom logo on the front page that depicts the site’s name and a picture of a movie reel.

* The logo must be custom-made in the classroom
* The logo may contain elements borrowed from other images
* The logo must appear on the front page
* The logo should fit with the overall aesthetic design of the site

Wont have:

* Advertisements
* Cookies
* Comment section
* Security measures such as encryption placed on the information in the database