



## [MM-1] Generate Rails API Skeleton

Created: 16/Jan/24 6:39 PM - Updated: 26/Jan/24 10:23 AM - Resolved: 26/Jan/24 10:23 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** agoodm40  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 1

### Description

As an application developer, I want the framework of the API to be Ruby on Rail 7.x.

**Given** a valid environment

**When** the application is executed

**Then** it features Ruby on Ruby 3.x and Rails 7.x.

**[MM-2] Generate React App Skeleton**

Created: 16/Jan/24 6:39 PM - Updated: 17/Jan/24 1:10 AM - Resolved: 17/Jan/24 1:10 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** King Major  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1

**Comments***King Major added a comment - 16/Jan/24 11:14 PM*

Created boilerplate using React Boilerplate CRA Template.

**[MM-3] Create GitHub Repo**

Created: 16/Jan/24 6:40 PM - Updated: 26/Jan/24 10:23 AM - Resolved: 26/Jan/24 10:23 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** agoodm40  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 1

**Description**

As an application developer, I want to have version control via GitHub.

**Given** a valid GitHub repository

**When** proper git commands are executed

**Then** the application uses Git version control



## [MM-4] Draft Wireframes

Created: 16/Jan/24 6:40 PM - Updated: 06/Feb/24 4:10 PM - Resolved: 06/Feb/24 3:06 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-27](#) Design (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** King Major  
**Votes:** 0

Agile

**Sprint:** Sprint 1  
**Story point estimate:** 1

### Description

As a UI/UX designer,

I want to create wireframe designs for key pages in the web app,

So that I can visually outline the layout and user interactions for the signup, login, homepage, and 404 views.

#### Given:

- Requirements for signup, login, homepage, and 404 views

#### When:

- Starting the design process

#### Then I can:

- Develop wireframes that show content placement for each page.

### Attachments

Web Services 404 Page - Team 1 - Match Maker.pdf (769 kB)

Web Services Login Form Wireframe - Team 1 - Match Maker.pdf (630 kB)

Web Services Signup Form Wireframe - Team 1 - Match Maker.pdf (892 kB)

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-102</a> Draft the Signup Wireframe Design	Subtask	Done	Unassigned
<a href="#">MM-103</a> Draft the Login Wireframe Design	Subtask	Done	Unassigned
<a href="#">MM-104</a> Draft the 404 Wireframe Design	Subtask	Done	Unassigned

**[MM-7] Generate User Model**

Created: 16/Jan/24 7:07 PM - Updated: 31/Jan/24 5:24 PM - Resolved: 31/Jan/24 5:24 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** API  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Edward Jesinsky III  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 2

**Description**

As a MakeMatcher user, I need to have the concept of a User represented in the system

Acceptance criteria:

- new ActiveRecord model for User generated with appropriate fields (TBD)
- equivalent model spec generated



## [MM-11] New User Endpoint

Created: 16/Jan/24 7:12 PM - Updated: 31/Jan/24 5:24 PM - Resolved: 31/Jan/24 5:24 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** API  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Edward Jesinsky III  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 3

### Description

As a MakeMatcher client, I want to be able to register for the MakeMatcher system through an API endpoint

Acceptance criteria:

- new API endpoint for creating users in created in the backend
- equivalent request spec generated
- API contract is shared here for frontend usage

**[MM-12] Create User Endpoint**

Created: 16/Jan/24 7:12 PM - Updated: 26/Jan/24 10:06 AM - Resolved: 26/Jan/24 10:06 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-10</a> User Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Edward Jesinsky III
<b>Reporter:</b>	agoodm40	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	API		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1

**Comments***Edward Jesinsky III added a comment - 26/Jan/24 10:06 AM*dupe of  [MM-11](#) Done

**[MM-13] New Session Endpoint**

Created: 16/Jan/24 7:12 PM - Updated: 31/Jan/24 5:24 PM - Resolved: 31/Jan/24 5:24 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** API  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Edward Jesinsky III  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 3

**Description**

As a MakeMatcher client, I want to be able to login to the MakeMatcher system through an API endpoint

Acceptance criteria:

- new API endpoint for creating session (logging in) in created in the backend
- equivalent request spec generated
- API contract is shared here for frontend usage



**[MM-14] Delete Session Endpoint**

Created: 16/Jan/24 7:12 PM - Updated: 31/Jan/24 4:17 PM - Resolved: 31/Jan/24 4:17 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** API  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Edward Jesinsky III  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 3

**Description**

As a MakeMatcher client, I want to be able to logout of the MakeMatcher system through an API endpoint

Acceptance criteria:

- new API endpoint for deleting user sessions (logging out) in created in the backend
- equivalent request spec generated
- API contract is shared here for frontend usage

**Comments**

*Edward Jesinsky III added a comment - 31/Jan/24 4:17 PM*

going to use JWT auth- idea of session is not necessary, just clear the jwt from client cookies to logout

**[MM-15] Create Session Endpoint**

Created: 16/Jan/24 7:12 PM - Updated: 26/Jan/24 10:08 AM - Resolved: 26/Jan/24 10:08 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-10</a> User Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Edward Jesinsky III
<b>Reporter:</b>	agoodm40	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	API		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1

**Comments***Edward Jesinsky III added a comment - 26/Jan/24 10:08 AM*Dupe of  [MM-13](#) Done

**[MM-16] API Controller (Authentication)**

Created: 16/Jan/24 7:13 PM - Updated: 31/Jan/24 5:17 PM - Resolved: 31/Jan/24 5:17 PM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-39</a> API Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	agoodm40
<b>Reporter:</b>	agoodm40	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	API		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	5

**Description**

As an API client, I want to be able to authenticate my requests via API Key.

**Given** a valid API Token in the request header

**When** a request is made to the API

**Then** the HTTP status will be 200

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-34</a> Create API Route Namespace	Subtask	Done	agoodm40
<a href="#">MM-35</a> Generate top level controller in API namespace	Subtask	Done	agoodm40
<a href="#">MM-36</a> Define private method to validate API Key params	Subtask	Done	agoodm40
<a href="#">MM-37</a> Validate API Key via existence of key, secret, and proper timestamp.	Subtask	Done	agoodm40
<a href="#">MM-38</a> Enact inheritable before_action for API validation	Subtask	Done	agoodm40
<a href="#">MM-105</a> Allow Cross-Origin Access from frontend app	Subtask	To Do	agoodm40



## [MM-17] Generate ApiKey Model

Created: 16/Jan/24 7:14 PM - Updated: 30/Jan/24 10:45 AM - Resolved: 30/Jan/24 10:45 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-39</a> API Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	agoodm40
<b>Reporter:</b>	agoodm40	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	API		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	2

### Description

As the application developer, I want my database to feature a table with the following columns: key, secret, nickname, and active.

**Given** a valid ApiKey object

**When** the ApiKey instance is created

**Then** it is committed to the database

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-29</a> Database Migration	Subtask	To Do	agoodm40
<a href="#">MM-30</a> Encrypt Key & Secret Columns	Subtask	To Do	agoodm40
<a href="#">MM-31</a> Populate key and secret on create callback	Subtask	To Do	agoodm40
<a href="#">MM-32</a> Key and Secret Validations: Unique, Presence, Length	Subtask	To Do	agoodm40
<a href="#">MM-33</a> ApiKey Unit Test	Subtask	To Do	agoodm40

**[MM-18] API Authentication Test**

Created: 16/Jan/24 7:17 PM - Updated: 30/Jan/24 10:45 AM - Resolved: 30/Jan/24 10:45 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-39](#) API Authentication (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** agoodm40  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 2

**Description**

As an application developer, I want test coverage over the ApiKey model and API Controller.

**Given** an ApiKey spec

**When** the test suite is executed

**Then** the ApiKey model and Api::Controller will have 100% coverage

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-40</a>	ApiKey Model Validations	Subtask	To Do	agoodm40
<a href="#">MM-41</a>	API Key Authorization Success	Subtask	To Do	agoodm40
<a href="#">MM-42</a>	API Key Authorization Failure	Subtask	To Do	agoodm40

**[MM-19] Generate API Test Suite**

Created: 16/Jan/24 7:17 PM - Updated: 26/Jan/24 10:23 AM - Resolved: 26/Jan/24 10:23 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** agoodm40  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** agoodm40  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 1

**Description**

As an application developer, I want to be able to use RSpec to command my test coverage.

**Given** a development environment

**When** the command "rspec" is entered

**Then** the test suite executes

**[MM-20] Create Signup Component UI/UX**

Created: 17/Jan/24 12:41 AM - Updated: 13/Feb/24 6:04 PM - Resolved: 13/Feb/24 6:04 PM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** King Major  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** King Major  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 3

**Description**

**As an** application user,  
**I want** a user-friendly signup form,  
**so that** I can create a user account in the web app.

**Given**

- A username
- Email
- Password
- Password confirmation
- Zip code

**When**

accessing the signup page,

**Then**

I can enter my credentials.

**Additional Details:****1. Validation Requirements:**

- Password must be at least 8 to 12 characters long and include a mix of letters, numbers, and a minimum of 1 special character.
- Email should have a valid format (e.g., [user@example.com](#)).
- Input data should not include white space.
- Provide clear error messages for invalid input data.

**2. Error Handling:**

- Communicate if the chosen username or email is already in use.
- Provide informative error messages for any other issues during the signup process.

**Nice-To-Haves:**

1. **Terms of Service and Privacy Policy:**
  - Include a checkbox for users to agree to the terms of service and privacy policy during the signup process.
2. **Confirmation Email:**
  - A confirmation email will be sent to the provided email address, and users need to confirm their accounts.
3. **Security for DDoS & Spam**
  - Create a captcha for human user validation

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-61</a> Create Signup Form Component	Subtask	Done	King Major
<a href="#">MM-62</a> Add Styling to Signup Form Component	Subtask	Done	King Major
<a href="#">MM-63</a> Add Validation Criteria to Signup Form Input Fields	Subtask	Done	King Major
<a href="#">MM-64</a> Add Validation Criteria Labels to Signup Form	Subtask	Done	King Major

**Comments**

King Major added a comment - 06/Feb/24 3:12 PM

Pending:

- **Validation Requirements:**
  - Password must be at least 8 to 12 characters long and include a mix of letters, numbers, and a minimum of 1 special character.
  - Email should have a valid format (e.g., [user@example.com](#)).
  - Input data should not include white space.
  - Provide clear error messages for invalid input data.
- **Error Handling:**
  - Communicate if the chosen username or email is already in use.
  - Provide informative error messages for any other issues during the signup process.

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## [MM-21] Create Login Form Component UI/UX

Created: 17/Jan/24 12:41 AM - Updated: 13/Feb/24 6:04 PM - Resolved: 13/Feb/24 6:04 PM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-67</a> User Authorization (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	King Major
<b>Reporter:</b>	King Major	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	3

### Description

**As an** application user,  
**I want** a user-friendly login form,  
**so that** I can create access the web app.

### Given

- A username OR Email (TBD)
- Password

### When

accessing the login page,

### Then

I can enter my credentials.

### Additional Details:

- Validation Requirements:**
  - Password must not include white space.
  - Email should have a valid format (e.g., [user@example.com](#)).
  - Provide clear error messages for invalid input data.
- Error Handling:**
  - Communicate if the chosen username or email is already in use.
  - Provide informative error messages for any other issues during the signup process.

### Nice-To-Haves:

- Remember Me Checkbox**
- Terms of Service and Privacy Policy:**
  - Include a checkbox for users to agree to the terms of service and privacy policy during the signup process.

**3. Confirmation Email:**

- A confirmation email will be sent to the provided email address, and users need to confirm their accounts.

**4. Security for DDoS & Spam**

- Create a captcha for human user validation

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-68</a>	Create Login Form Component	Subtask	Done	King Major
<a href="#">MM-69</a>	Add Styling to Login Form Component	Subtask	Done	King Major
<a href="#">MM-70</a>	Add Validation Criteria to Login Form Input Fields	Subtask	Done	King Major
<a href="#">MM-71</a>	Add Validation Criteria Labels to Signup Form	Subtask	Done	King Major
<a href="#">MM-74</a>	Add Error Handling if User Password is Incorrect	Subtask	Done	Arbern Lim
<a href="#">MM-77</a>	Manage User State	Subtask	Done	King Major

**[MM-22] Create Auth Process Page**

Created: 17/Jan/24 12:41 AM - Updated: 05/Feb/24 2:46 AM - Resolved: 05/Feb/24 2:46 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** King Major  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** King Major  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 2

**Description****As an** application user,**I want** a seamless and intuitive authentication experience,**So that** I can either log into my existing account or create a new account with ease.**Given:**

- Access to the authentication page,

**When:**

- Landing on the authentication page,

**Then I can:**

- See a default view displaying the login form with a link to the signup component.

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-75</a>	Add Login Component	Subtask	To Do	King Major
<a href="#">MM-76</a>	Add Signup Component	Subtask	To Do	King Major
<a href="#">MM-79</a>	Add 404 Component	Subtask	To Do	King Major
<a href="#">MM-80</a>	Style Page	Subtask	To Do	King Major

**[MM-23] Create Page Routing**

Created: 17/Jan/24 12:42 AM - Updated: 05/Feb/24 2:46 AM - Resolved: 05/Feb/24 2:46 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-67</a> User Authorization (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	King Major
<b>Reporter:</b>	King Major	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	1

**Description****As an** application user,**I want** a smooth and organized navigation experience within the web app,**So that** I can seamlessly access the login form, explore the services on the home page, and receive helpful feedback on encountering a 404 error.**Given:**

- Access to the web app

**When:**

- Opening the web app for the first time

**Then I can:**

- Land on the authentication page

**And, When:**

- Successfully logging in or accessing the app subsequently

**Then I can:**

- Be redirected to the home page

**Additional Details:****1. React Routing Route Configuration:**

1. Set up React routes to handle the authentication page as the landing view, the home page, and the 404 view.
2. Ensure proper navigation between these views based on user interactions.

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-86</a>	Install React Router	Subtask	To Do	King Major
<a href="#">MM-87</a>	Implement Browser Router (index.js)	Subtask	To Do	King Major
<a href="#">MM-88</a>	Create Routes	Subtask	To Do	King Major
<a href="#">MM-89</a>	Create Route Guard	Subtask	To Do	King Major
<a href="#">MM-90</a>	Create Links to Views	Subtask	To Do	King Major
<a href="#">MM-96</a>	Accept and Process Server Response Data	Subtask	To Do	King Major
<a href="#">MM-97</a>	Test and Document Route Functionality	Subtask	To Do	King Major



**[MM-24] Create HTTP POST request for login component**

Created: 17/Jan/24 12:44 AM - Updated: 05/Feb/24 2:47 AM - Resolved: 05/Feb/24 2:46 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** King Major  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Arbern Lim  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 3

**Description**

**As an** application user,  
**I want to** be able to send my credentials to securely log into my account,  
**So that** I can access features and information within the web app.

**Given:**

- A username/email and password

**When:**

- Initiating the login process

**Then I can:**

- Submit a POST request to the server for authentication

**Additional Details:****1. Endpoint and Method:**

- Use the `/login` endpoint on the server.
- Utilize the HTTP POST method for secure transmission of login credentials.

**And, When:**

- Sending the POST request

**Then I expect:**

- The server to validate the provided username/email and password.

**Additional Details:****1. Validation:**

- Ensure the server performs proper validation for the login credentials.
- Return appropriate error messages if the credentials are invalid.

**And, When:**

- Validating the credentials on the server

**Then I expect:**

- The server to generate a secure jwt.

**Additional Details:****1. Authentication Token:**

- If the provided credentials are valid, the server should generate a unique jwt.
- Include the token in the response for subsequent authenticated requests.

**And, When:**

- Receiving the server response

**Then I expect:**

- The client application to handle the jwt.

**Additional Details:****1. Token Handling:**

- Store the authentication token securely in an HTTP-only cookie.
- Use the bearer token in header for subsequent requests.

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-91</a>	Create Data Input Validation Helper Module	Subtask	To Do	King Major
<a href="#">MM-92</a>	Create POST Request Using Fetch API and Async/Await	Subtask	To Do	King Major
<a href="#">MM-93</a>	Validate Response Data	Subtask	To Do	King Major
<a href="#">MM-94</a>	Return Response Data	Subtask	To Do	King Major
<a href="#">MM-95</a>	Create Header Obj. w/ Bearer Token	Subtask	To Do	King Major

**[MM-25] Create HTTP POST request for signup component**

Created: 17/Jan/24 12:44 AM - Updated: 05/Feb/24 2:47 AM - Resolved: 05/Feb/24 2:47 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-10](#) User Authentication (Epic)

**Type:** Story  
**Reporter:** King Major  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Arbern Lim  
**Votes:** 0

*Agile*

**Sprint:** Sprint 1  
**Story point estimate:** 2

**Description**

As an application user,

I want to be able to create a new account securely,

So that I can access personalized features and information within the web app.

**Given:**

- A username, email, password, password confirmation, and zip code

**When:**

- Initiating the signup process

**Then I can:**

- Submit a POST request to the server for account creation

**Additional Details:****1. Endpoint and Method:**

- Use the `/signup` endpoint on the server.
- Utilize the HTTP POST method for secure transmission of signup data.

**And, When:**

- Sending the POST request

**Then I expect:**

- The server to validate the provided signup data.

**Additional Details:****1. Validation:**



- Ensure the server performs proper validation for the signup data.
- Return appropriate error messages if the data is invalid (e.g., username already in use, password complexity requirements not met).

**And, When:**

- Validating the data on the server

**Then I expect:**

- The server to create a new user account if the provided data is valid.

**Additional Details:****1. Account Creation:**

- If the provided data is valid, create a new user account in the server database.

**And, When:**

- Successfully creating the new account

**Then I expect:**

- The server generates a secure authentication token.

**Additional Details:****1. Authentication Token:**

- Upon successful account creation, generate a unique authentication token.
- Include the token in the response for subsequent authenticated requests.

**And, When:**

- Receiving the server response

**Then I expect:**

- The client application to handle the authentication token.

**Additional Details:****1. Token Handling:**

- Store the authentication token securely, in an HTTP-only cookie.

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-98</a>	Use Input Data Validation Helper Module	Subtask	To Do	King Major
<a href="#">MM-99</a>	Create POST Request Using Fetch API and Async/Await	Subtask	To Do	King Major
<a href="#">MM-100</a>	Validate Response Data	Subtask	To Do	King Major
<a href="#">MM-101</a>	Return Response Data	Subtask	To Do	King Major

**[MM-45] Create Public API Instance**

Created: 23/Jan/24 1:46 PM - Updated: 26/Jan/24 10:23 AM - Resolved: 26/Jan/24 10:23 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-5</a> Infrastructure (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	agoodm40
<b>Reporter:</b>	agoodm40	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	5

**Description**

As an API client, I want to be able to call a public endpoint during development.

**Given** a valid public URL

**When** a request is made in development

**Then** a valid JSON response is returned

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-46</a>	Setup Servers	Subtask	Done	Unassigned
<a href="#">MM-47</a>	Setup Continuous Deployment	Subtask	Done	Unassigned

**[MM-48] Generate Component boilerplate code for Login Component**

Created: 23/Jan/24 4:05 PM - Updated: 03/Feb/24 2:37 AM - Resolved: 03/Feb/24 2:37 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-5</a> Infrastructure (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	1

**Description**

As a developer,  
I want to quickly bootstrap the Login component,  
so that I can have a standardized structure in place, ensuring consistency and saving time for more complex dev tasks.

**[MM-49] Generate Redux Slice boilerplate code for Login Component**

Created: 23/Jan/24 4:13 PM - Updated: 03/Feb/24 2:37 AM - Resolved: 03/Feb/24 2:37 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-5</a> Infrastructure (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	1

**Description**

As a developer,  
I need an initial setup for the Redux slice managing the login functionality,  
so that I can efficiently build and scale the login feature with a clear state management structure.

**[MM-50] Manage and update the f/e Root State with the Login slice config**

Created: 23/Jan/24 4:25 PM - Updated: 03/Feb/24 2:37 AM - Resolved: 03/Feb/24 2:37 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-5</a> Infrastructure (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	1

**Description**

As a frontend developer,  
I need to integrate the login slice into our root state config,  
so that the login state is properly managed and accessible throughout our app for a seamless UX.

**[MM-51] Manage Login component state with Redux**

Created: 23/Jan/24 4:28 PM - Updated: 03/Feb/24 2:39 AM - Resolved: 03/Feb/24 2:36 AM

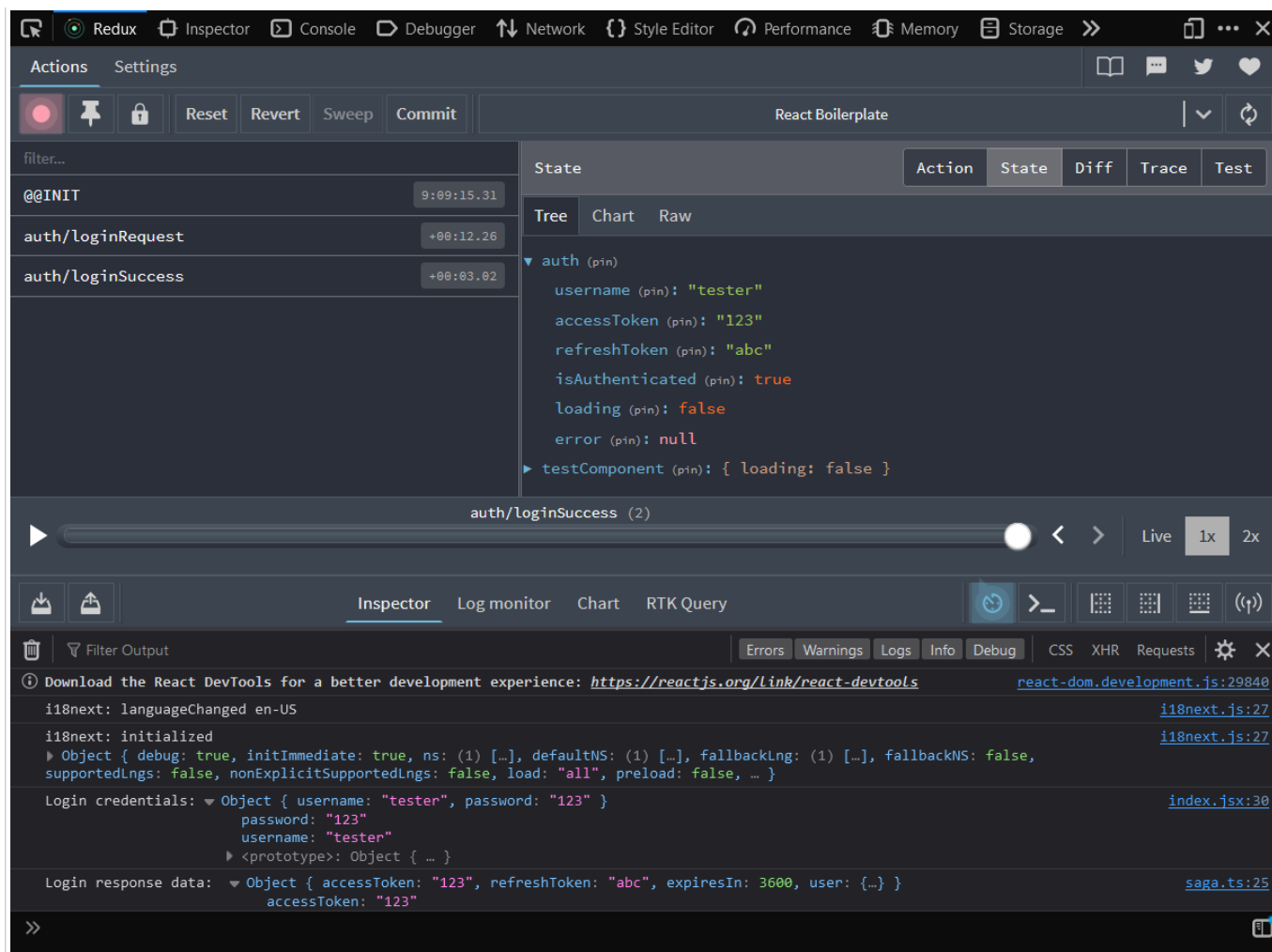
<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-10</a> User Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	3

**Description**

As a developer,  
I want the Login state managed,  
so that we can have an organized and efficient user login experience.

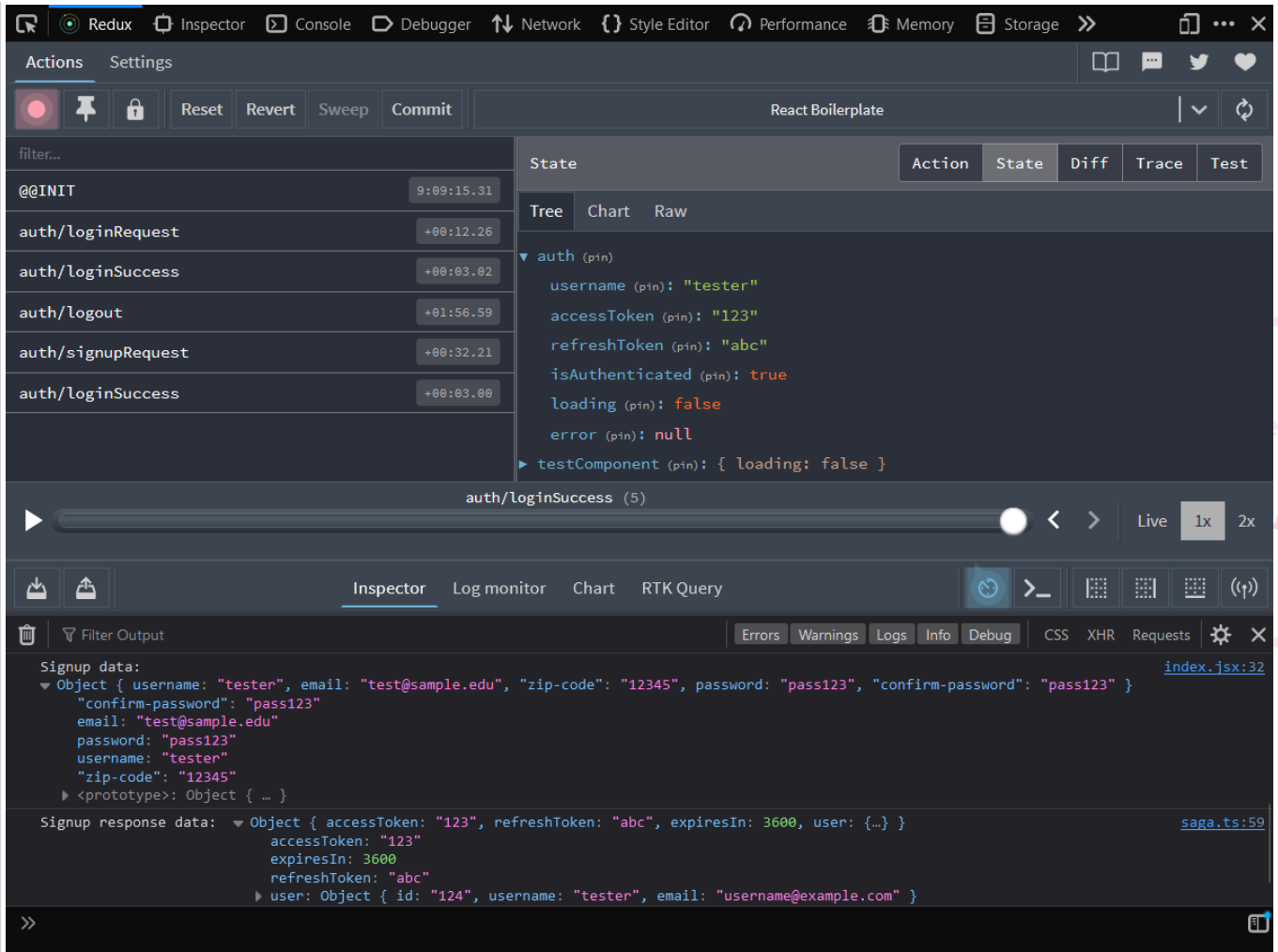


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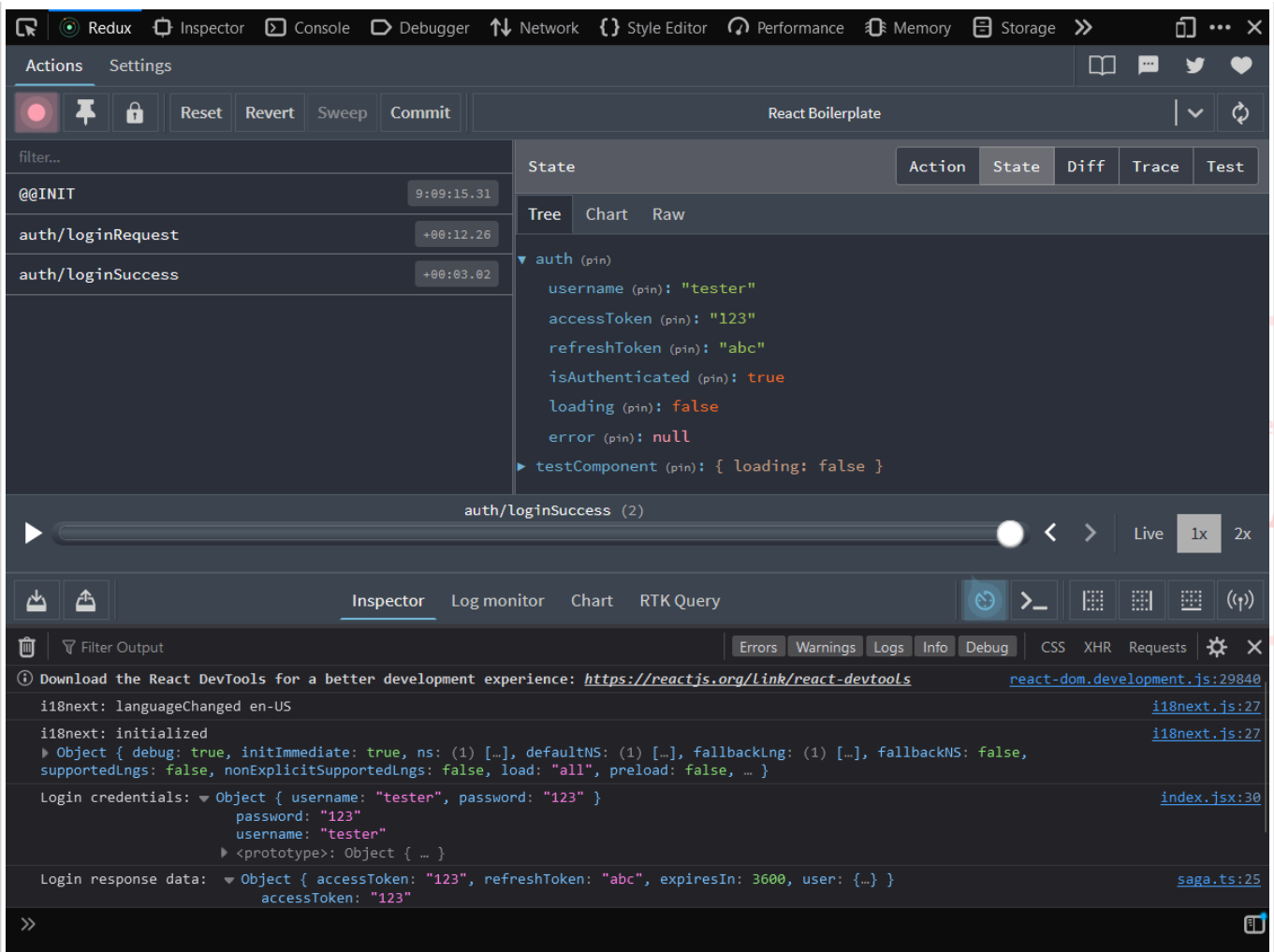
TRL



Attachments

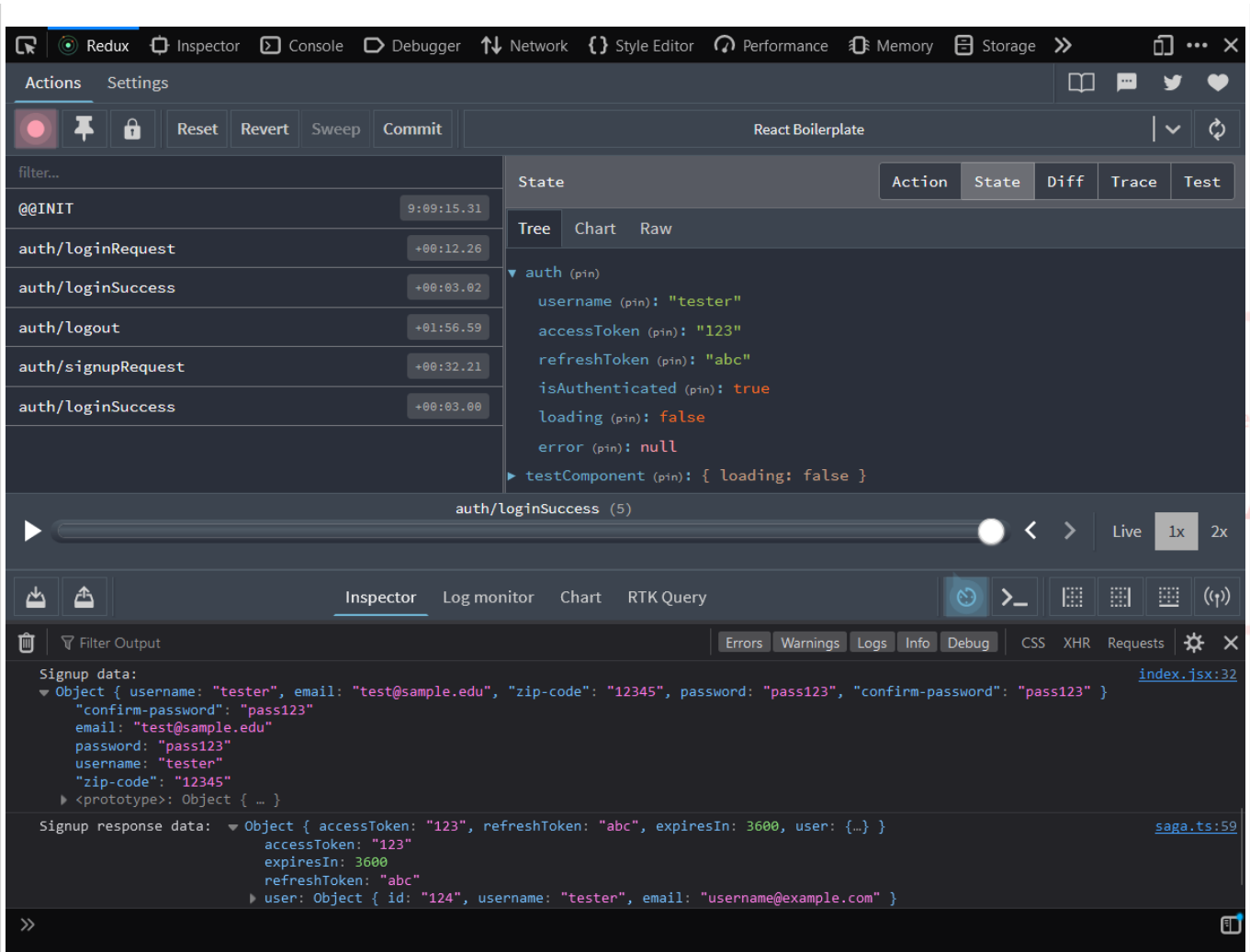






arb sprint 1b Screenshot 2024-02-02 211034-20240203-071119.png (91 kB)





arb sprint 1b Screenshot 2024-02-02 211322-20240203-071358.png (93 kB)

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-54</a>	Create action types and action creators for handling Login requests	Subtask	Done	Unassigned
<a href="#">MM-55</a>	Refactor the frontend Login component to dispatch Redux actions	Subtask	Done	Unassigned



**[MM-52] Handle Login side effects and async operations with Redux-Saga**

Created: 23/Jan/24 4:29 PM - Updated: 05/Feb/24 2:27 AM - Resolved: 05/Feb/24 2:27 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-10</a> User Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	2

Description
As a developer, I need to define functions for handling login API calls and managing the resulting state updates, so that we can ensure a smooth, asynchronous login process with proper handling of side effects.

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-57</a> Define Saga functions for the Login API calls	Subtask	Done	Unassigned
<a href="#">MM-58</a> Manage API responses and Login state updates	Subtask	Done	Unassigned

**[MM-53] Establish a public deployment of the frontend**

Created: 23/Jan/24 9:26 PM - Updated: 30/Jan/24 5:59 PM - Resolved: 27/Jan/24 12:10 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** Arbern Lim  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Arbern Lim  
**Votes:** 0

**Agile**

**Sprint:** Sprint 1  
**Story point estimate:** 3

**Description**

As a project stakeholder,  
I want to have a publicly accessible version of the frontend app,  
so that testing can be performed, gather user feedback, and demonstrate progress to interested parties.

Given the frontend app is deployed and operational  
When a user navigates to the frontend app's public URL  
Then they should be able to access and interact with the app  
url: <https://agreeable-river-036ae3910.4.azurestaticapps.net/>

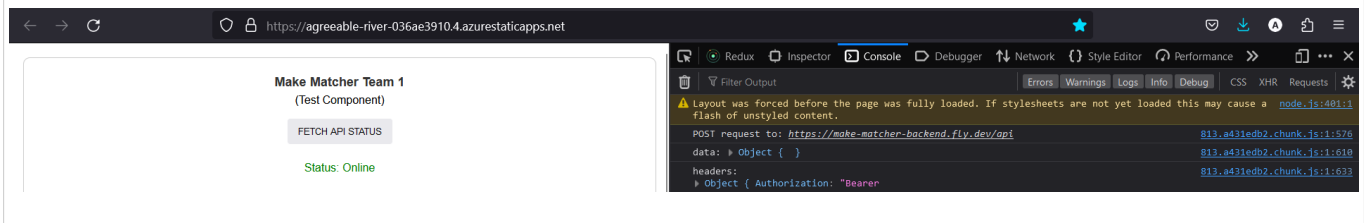
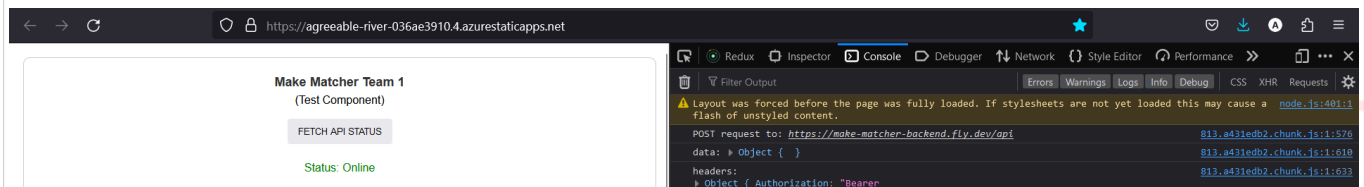
**Attachments**

image-20240130-225941.png (48 KB)



## [MM-60] Facilitate state access in the Login component with Selector

Created: 23/Jan/24 10:48 PM - Updated: 03/Feb/24 2:37 AM - Resolved: 03/Feb/24 2:37 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-10</a> User Authentication (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	Arbern Lim
<b>Reporter:</b>	Arbern Lim	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<b>Agile</b>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	2

Description
As a developer, I need to implement state access functions for the Login component, so that access to relevant state data will be efficient ensuring responsive and accurate UI updates.

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-56</a> Write selector functions for Login use, e.g. user auth status, error messages	Subtask	Done	Unassigned
<a href="#">MM-59</a> Utilize useSelector to provide derived state data in the Login component	Subtask	Done	Unassigned



## [MM-78] Create 404 Component UI/UX

Created: 26/Jan/24 1:07 AM - Updated: 05/Feb/24 2:46 AM - Resolved: 05/Feb/24 2:46 AM

<b>Status:</b>	Done
<b>Project:</b>	MakeMatcher
<b>Parent:</b>	<a href="#">MM-67</a> User Authorization (Epic)

<b>Type:</b>	Story	<b>Assignee:</b>	King Major
<b>Reporter:</b>	King Major	<b>Votes:</b>	0
<b>Resolution:</b>	Done		
<b>Labels:</b>	None		
<b>Original Estimate:</b>	Not Specified		
<b>Remaining Estimate:</b>	Not Specified		
<b>Time Spent:</b>	Not Specified		

<i>Agile</i>	
<b>Sprint:</b>	Sprint 1
<b>Story point estimate:</b>	2

### Description

As an application user,

I want to be directed to a helpful and visually appealing message when I encounter a 404 error,

So that I can identify what is wrong and navigate back to the main application.

### Given:

- When accessing an invalid URL of the site domain

### When:

- Encountering a 404 error

### Then I can:

- See a custom-designed 404 message

### Additional Details:

- Clear Messaging:**
  - Display a clear and friendly message indicating the non-technical error.
- Navigation Options:**
  - Provide links or buttons to the login page.
- Visual Appeal:**
  - Design the 404 message with an image.

Sub-Tasks	Type	Status	Assignee
<a href="#">MM-81</a> Add Error Message Wrapper	Subtask	To Do	King Major
<a href="#">MM-82</a> Add 404 Image	Subtask	To Do	King Major
<a href="#">MM-83</a> Style 404 Component	Subtask	To Do	King Major

Sub-Tasks		Type	Status	Assignee
<a href="#">MM-84</a>	Add a Link Back to Login Component	Subtask	To Do	King Major
<a href="#">MM-85</a>	Create a Data Structure Containing Potential Error Messages	Subtask	To Do	King Major





## [MM-106] Implement a Reusable Loading Indicator component

Created: 06/Feb/24 11:12 PM - Updated: 07/Feb/24 12:34 AM - Resolved: 07/Feb/24 12:34 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** Arbern Lim  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

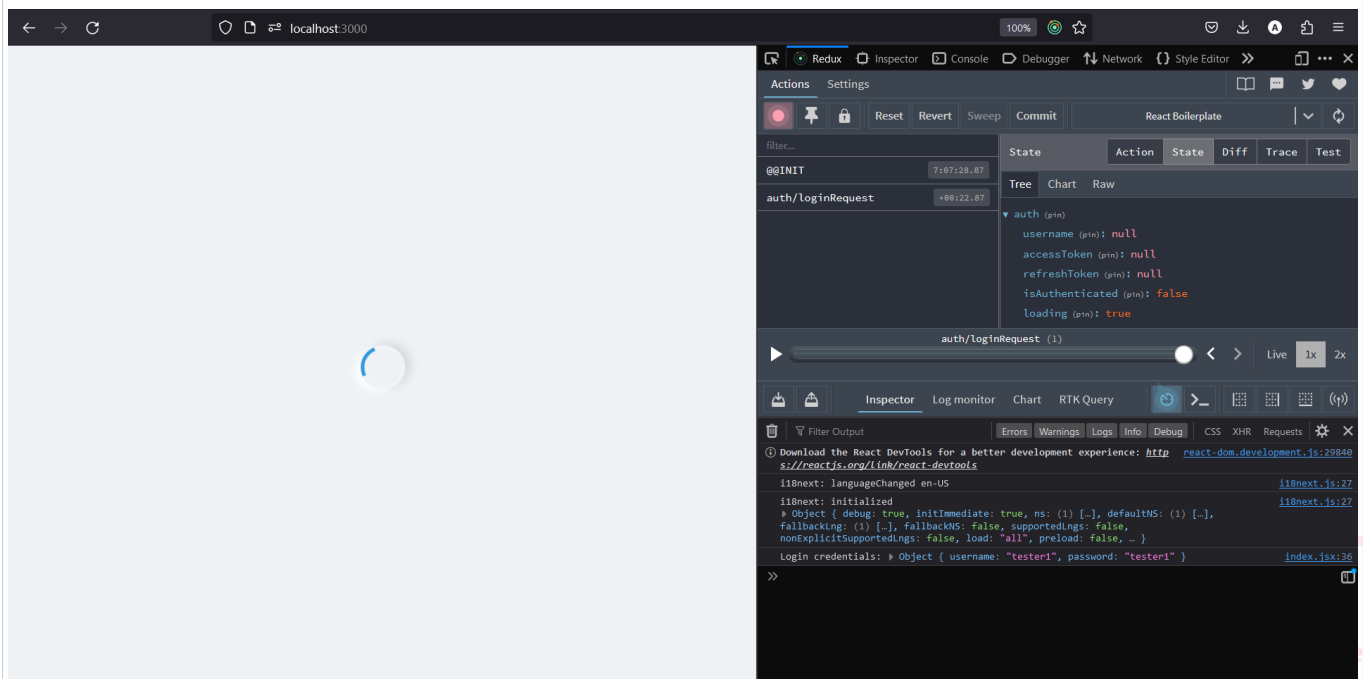
**Assignee:** Arbern Lim  
**Votes:** 0

**Agile**

**Sprint:** Sprint 1  
**Story point estimate:** 2

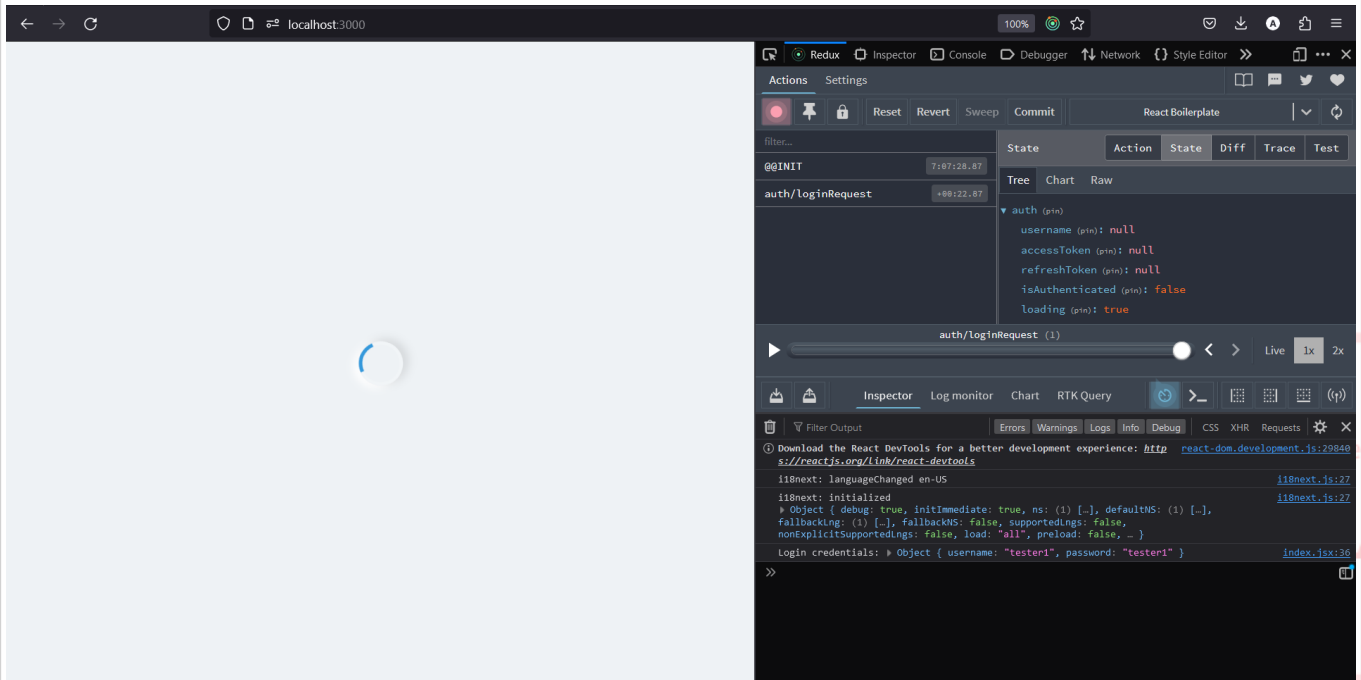
### Description

As a user,  
I want a loading indicator available across the app  
So that I know when content is loading and when to wait.



### Attachments





arb sprint 1d Screenshot 2024-02-06 190802.png (96 kB)

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## [MM-108] Implement a Reusable Error Message component

Created: 06/Feb/24 11:49 PM - Updated: 07/Feb/24 12:34 AM - Resolved: 07/Feb/24 12:34 AM

**Status:** Done  
**Project:** MakeMatcher  
**Parent:** [MM-5](#) Infrastructure (Epic)

**Type:** Story  
**Reporter:** Arbern Lim  
**Resolution:** Done  
**Labels:** None  
**Original Estimate:** Not Specified  
**Remaining Estimate:** Not Specified  
**Time Spent:** Not Specified

**Assignee:** Arbern Lim  
**Votes:** 0

**Agile**

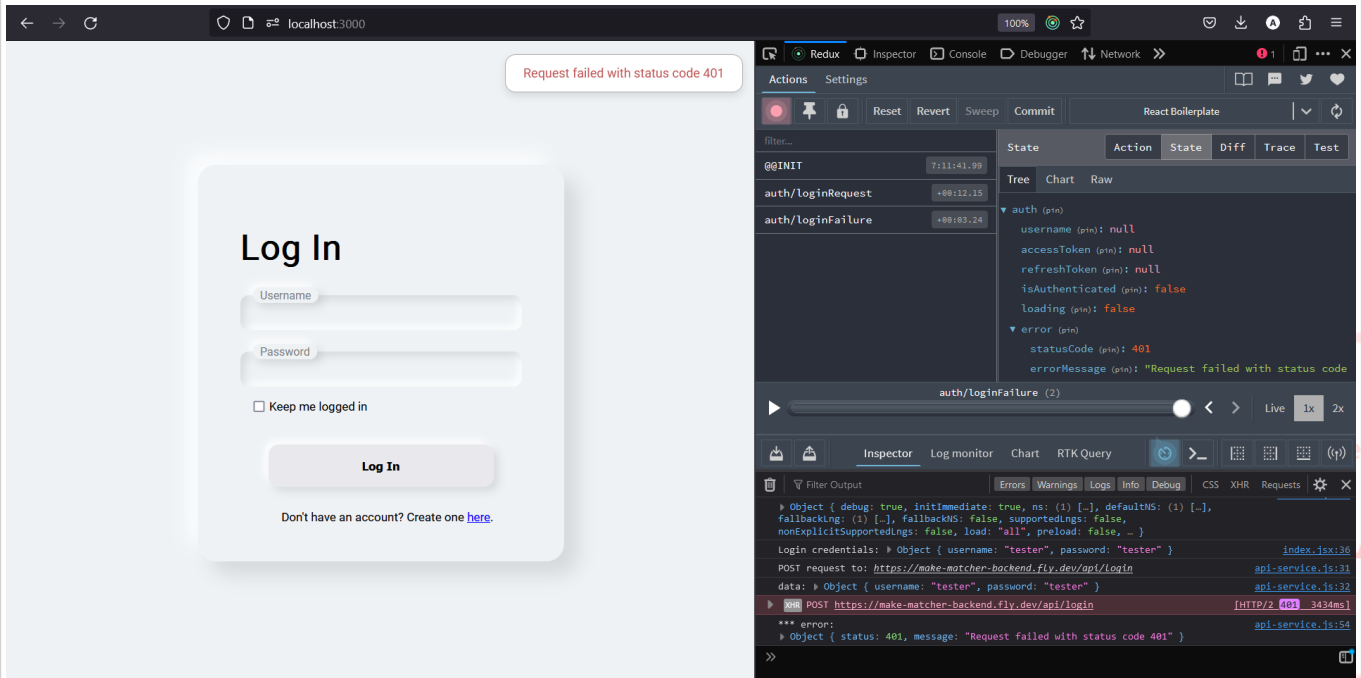
**Sprint:** Sprint 1  
**Story point estimate:** 2

### Description

As a user,  
I want to see an error message,  
So that I'm immediately aware of any issues or errors in a non-disruptive manner.

The screenshot displays a web application running on localhost:3000. The main content is a 'Log In' form with fields for 'Username' and 'Password', a 'Keep me logged in' checkbox, and a 'Log In' button. A message at the top of the form states 'Request failed with status code 401'. Below the form, there is a link: 'Don't have an account? Create one [here](#).' To the right of the form, the Redux DevTools debugger is open, showing the state of the application. The state is an object with properties: 'username' (null), 'accessToken' (null), 'refreshToken' (null), 'isAuthenticated' (false), 'loading' (false), and 'error' (an object with 'statusCode' 401 and 'errorMessage' 'Request failed with status code 401'). The debugger also shows the actions being dispatched, including '@@INIT', 'auth/loginRequest', and 'auth/loginFailure'.

### Attachments



arb sprint 1d Screenshot 2024-02-06 191236.png (150 kB)

