

Sprint 2 Testing

Back-end

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| Test ID | | 1 |
| Test Case Title | | User front-end is able to get all active modules |
| Test Type | | Functional |
| Objective | | Verify that user front-end is able to get all active modules |
| Pro-condition | | 1. The admin front-end had created modules 2. The admin front-end should make these modules active. |
| Steps | | 1. Send the request to the server |
| Excepted Outcome | | User front-end can get the list of all active modules |
| Acceptance Criteria | Given | Make the request |
| | When | I parse the request to the Eratos server |
| | Then | I should get the list of all active modules. |
| Test result | | PASS |
| Notes | | [1] Sample: https://eratosuombackend.azurewebsites.net/api/getActiveModules |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 2 |
| Test Case Title | | User front-end is able to create a task |
| Test Type | | Functional |
| Objective | | Verify that the user front-end is able to create a task after finishing the payment. |
| Pro-condition | | 1. Login to get their user uri 2. Get the resource uri 3. Get the resource name 4. Get the payment ID & price from front-end 5. Get the geometry info from front-end |
| Steps | | 1. Take priority to this task 2. Send the request with these parameters |
| Excepted Outcome | | Output success message with TaskID |
| Acceptance Criteria | Given | Received user's data |
| | When | I create a task based on provided data |
| | Then | I should get the success message. |
| Test result | | PASS |

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| Notes | [1] Sample: https://eratosuombackend.azurewebsites.net/api/createTask?userUri=demouser&paymentID=testpayment&price=3.1&moduleType=module3&taskType=GenerateClimateInfo&name=testname&geometry=POINT(140.3142799%20-42.84756651)&priority=low&code=DO8U6Got0JOKu9TYa4qDdE/kykdH8Yd6f7eF8WdCTcJ/WjppQTQOaA== |
| tester | En Wen Tsai |
| Date | 2021-5-26 |

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| Test ID | | 3.1 |
| Test Case Title | | User/admin front-end is able to sync the task information |
| Test Type | | Functional |
| Objective | | Verify that the user front-end syncs the task information in our database with Eratos. |
| Pro-condition | | 1. The task status is incomplete (Queued or Processing) |
| Steps | | 1. Connect to back-end database 2. Check the status is "Queued" or "Processing" 3. Send the request to Eratos server. |
| Excepted Outcome | | Output the success message "Database is up to date" |
| Acceptance Criteria | Given | Check the task status and connect to the database |
| | When | I send the request to Eratos server |
| | Then | I can get the success message. |
| Test result | | PASS |
| Notes | | |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 3.2 |
| Test Case Title | | User/admin front-end is able to get the task information |
| Test Type | | Functional |
| Objective | | Verify that the users can get the latest task status. |
| Pro-condition | | 1. Sync the task info 2. Get the user uri |
| Steps | | 1. Find the task information by user uri |
| Excepted Outcome | | Users can get the task information including task id, priority, state, type, resource order id and so on. |
| Acceptance Criteria | Given | Received the User uri |
| | When | I use the user uri as parameter to find task information |
| | Then | I can get the string of all tasks information. |
| Test result | | PASS |

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| Notes | [1] Sample: https://eratosuombackend.azurewebsites.net/api/getTasksOrdersOfUser?userUri=demouser&code=RJmC0UVgQD09JlaDnf3tozPvEh3slC/jLpIAgggO8YFlusBsYI94xw== |
| tester | En Wen Tsai |
| Date | 2021-5-26 |

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| Test ID | | 4.1 |
| Test Case Title | | User/admin front-end is able to sync the order information |
| Test Type | | Functional |
| Objective | | Verify that the users sync the order information in our database with Eratos. |
| Pro-condition | | 1. The order status is incomplete (Queued or Processing) |
| Steps | | 1. Connect to back-end database 2. Check the order status is “Queued” or “Processing” 3. Send the request to Eratos server. |
| Excepted Outcome | | Output the success message “Database is up to date” |
| Acceptance Criteria | Given | Check the order status and connect to the database |
| | When | I send the request to Eratos server |
| | Then | I can get the success message. |
| Test result | | PASS |
| Notes | | |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 4.2 |
| Test Case Title | | User/admin front-end is able to get the order history |
| Test Type | | Functional |
| Objective | | Verify that the users can get the latest order history. |
| Pro-condition | | <div>1. Sync the order info</div> <div>2. Get the user uri</div> |
| Steps | | <div>1. Find the order information by user uri</div> |
| Excepted Outcome | | Users can get the order information including order id, price, status, order time, user id and payment id. |
| Acceptance Criteria | Given | User uri |
| | When | I use the user uri as parameter to find order information in the database |
| | Then | I can get the string of all order information. |
| Test result | | PASS |

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| Notes | [1] Sample: https://eratosuombackend.azurewebsites.net/api/getTasksOrdersOfUser?userUri=demouser&code=RJmC0UVgQD09JlaDnf3tozPvEh3slC/jLpIAgggO8YFlusBsYI94xw== |
| tester | En Wen Tsai |
| Date | 2021-5-26 |

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| Test ID | | 5 |
| Test Case Title | | User/admin front-end is able to register as a new user |
| Test Type | | Functional |
| Objective | | Register new users for our back-end database |
| Pro-condition | | 1. Get user data from front-end |
| Steps | | 1. Insert these data to the back-end database. |
| Excepted Outcome | | Output the success message with username. |
| Acceptance Criteria | Given | Received user data from front end |
| | When | I get the user info from the front-end and then insert it to our database. |
| | Then | I should get the successful message. |
| Test result | | PASS |
| Notes | | [1] Sample payload: {auth0Id: "auth0 60585179790525006901be39", id:"https://staging.e-pn.io/users/xsrudeulfvtr2eiaiksic2jf", info: "https://staging.e-pn.io/resources/gu4km2nnimvyqepmaw3mfcbwg", resourcePolicy:"https://staging.e-pn.io/policies/3ylpwlaj6o3wb7p4ui4kkeie", termLastAcceptedDate:"2021-03-25T03:13:39.912183Z",termsLastAcceptedVersion: 12} |
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| Date | | 2021-5-26 |

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| Test ID | | 6.1 |
| Test Case Title | | User front-end is able to get the user information |
| Test Type | | Functional |
| Objective | | Verify that user front-end can get their user details from the database |
| Pro-condition | | 1. Get the user uri |
| Steps | | 1. Query with user uri to their user information. |
| Excepted Outcome | | Output the success message with a string including EratosUserID, Email, Auth0ID, UserID, and name. |
| Acceptance Criteria | Given | Login to get user uri |
| | When | I query with valid user uri to the database |
| | Then | I should get the message about the user details. |
| Test result | | PASS |

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| Notes | [1] Sample: https://eratosuombackend.azurewebsites.net/api/getUserInfo?userUri=demouser&code=cT7R1kpoixw6jeEaCxK488gdl3BjDW5C7YgysAnj0S3Ybkay0Gx0xg== |
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| Date | 2021-5-26 |

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| Test ID | | 6.2 |
| Test Case Title | | Admin front-end is able to get all user information |
| Test Type | | Functional |
| Objective | | Admin front-end can get all user information |
| Pro-condition | | <div>1. Start index of user table</div> <div>2. End index of user table</div> <div>3. The range between start and end must be less than 100.</div> |
| Steps | | <div>1. Query with start point and end point of the user ids.</div> |
| Excepted Outcome | | Output the success message with a string including eratosUserId, email, Auth0ID, UserID, and name. Each user is separated by “,”. |
| Acceptance Criteria | Given | Put the given start and end point |
| | When | I send the query to the database |
| | Then | I should get the message about specific user details. |
| Test result | | PASS |
| Notes | | <div>[1] If an admin wants to get more than a hundred user information, he/she should query more than one time.</div> <div>[2] Sample:</div> <div>https://eratosuombackend.azurewebsites.net/api/getUserInfo?userUri=all&start=1&end=10&code=cT7R1kpoixw6jeEaCxK488gdl3BjDW5C7YgysAnj0S3Ybkay0Gx0xg==</div> |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 7 |
| Test Case Title | | User/admin front-end is able to update their user information |
| Test Type | | Functional |
| Objective | | Users and admins can update user information |
| Pro-condition | | 1. Had already registered as an user/admin. |
| Steps | | 1. Make some changes in their personal information. ex: name, email, info or isAdmin. |
| Excepted Outcome | | Output the success message “The user info is up to date.”. |
| Acceptance Criteria | Given | Make some changes |
| | When | I update these changes to the database |
| | Then | I should get the success message. |

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| Test result | PASS |
| Notes | <p>[1] Only admins can change the isAdmin parameter to true or false.</p> <p>[2] Sample payload:</p> <pre>{ "Auth0ID": "demoauth0", "CreatedAt": "5/17/2021 8:11:33 PM", "Email": "demoemail", "EratosUserID": "demouser", "Info": "ModifiedDemoInfo", "Name": "demoname", "UserID": 1, "isAdmin": false }</pre> |
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| Date | 2021-5-26 |

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| Test ID | | 8.1 |
| Test Case Title | | Admin front-end is able to create a resource/modules |
| Test Type | | Functional |
| Objective | | Verify that admins are able to create a new resource for users. |
| Pro-condition | | |
| Steps | | <div>1. Create a module name</div> <div>2. Create a module schema</div> <div>3. Make this module is active or not</div> |
| Excepted Outcome | | Get the success message |
| Acceptance Criteria | Given | Put needed parameter |
| | When | I send these parameters to the server |
| | Then | I should get the success message from the server |
| Test result | | PASS |
| Notes | | <div>[1] Sample:</div> <div>https://eratosuombackend.azurewebsites.net/api/createModifyModule?moduleSchema=https://schemas.eratos.ai/json/person&moduleName=Person&isActive=false&code=T2C73vIWsk2u5gcG2FH2URhZG4W115LAFULFIJEGJ2v0ETrMQMUzjA==</div> |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 8.2 |
| Test Case Title | | Admin front-end is able to modify a resource/modules |
| Test Type | | Functional |
| Objective | | Verify that admins are able to modify the existing resource. |
| Pro-condition | | <div>1. Admin had already created a resource</div> |
| Steps | | <div>1. Change the module name</div> <div>2. Change the module schema</div> <div>3. Change the module status to inactive.</div> |
| Excepted Outcome | | Get the success message |
| | Given | Put changed parameters |

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| Acceptance Criteria | When | I send these parameters to the server |
| | Then | I should get the success message from the server |
| Test result | | PASS |
| Notes | | [1] Sample: https://eratosuombackend.azurewebsites.net/api/createModifyModule?moduleSchema=https://schemas.eratos.ai/json/person&moduleName=Person&isActive=false&code=T2C73vIWsk2u5gcG2FH2URhZG4WI15LAFULFiJEGJ2v0ETrMQMUzjA== |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |

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| Test ID | | 9 |
| Test Case Title | | Admin front-end is able to get all available modules |
| Test Type | | Functional |
| Objective | | Verify that admin front-end is able to get the all available modules |
| Pro-condition | | 1. Start index of module id 2. End index of module id 3. The range between start and end must be less than 100. |
| Steps | | 1. Query with start point and end point of module id |
| Excepted Outcome | | Output the success message with a string including Module id, Module name, Module schema, and IsActive or not. Each module is separated by “,” |
| Acceptance Criteria | Given | Put the given start and end point |
| | When | I send the query to the database |
| | Then | I should get the message about available modules' details. |
| Test result | | PASS |
| Notes | | [1] If an admin wants to get more than a hundred user information, he/she should query more than one time. [1] Sample: https://eratosuombackend.azurewebsites.net/api/createModifyModule?moduleSchema=https://schemas.eratos.ai/json/person&moduleName=Person&isActive=false&code=T2C73vIWsk2u5gcG2FH2URhZG4WI15LAFULFiJEGJ2v0ETrMQMUzjA== |
| tester | | En Wen Tsai |
| Date | | 2021-5-26 |