**Title: Test Cases for APInf Dashboard**

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**Change log:**

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| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 1.0 | 16.06.2017 | Added test suits:14 and 15  Updated/edited test cases: 6.2, 6.3, 8.2, 10.3, 10.4, 12.3, 12.4, 12.21, 13.1,13.2,13.3 |
| 1.1 | 05.07.2017 | Updated/edited test case suits: 14, 15 |
| 1.2 | 10.08.2017 | Edited test cases: 8.2, 10.3, 10.4, 12.3, 13.1, 13.2, 14.2, 14.3 , 14.4, 15.1, 15.3, 15.6, 15.7, 15.8, 15.9, 15.10, 15.11, 15.12 and 15.13 |
| 1.3 | 12.08.2017 | Edited test cases: 8.1,13.1,13.2,14.1,14.4,15.6,15.7,15.8, 15.9, 15.10, 15.12,15.13 |
| 1.4 | 15.11.2017 | Added test cases: 2.7,2.8,9.4, 9.5,9.6,16.1 |
| 1.4.1 | 20.11.2017 | Edited test cases: 9.6, 16.1 |

**Test Cases:**

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| **Test Suite** | **Test Case** | **Expected Result** | **Comments** |
| **1.Register/Sign up** | **1.1 Create an Account with valid data**  Steps:  1.Visit [https://](https://dashboard.digipalvelutehdas.fi/)nightly.apinf.io  2.Click on 'Sign Up'  3.Enter valid username  4.Enter valid email address  5.Enter password  6.Enter the same password as above for confirmation  7.Click on Register  **Expected Result:** Successful in creating an account | **Successful** |  |
| **1.2 Create account with invalid email address**  Steps:  1.Visit [https://](https://dashboard.digipalvelutehdas.fi/)nightly.apinf.io  2.Click on 'Sign Up'  3.Enter valid username  4.Enter invalid email address (eg. Test@ )  5.Enter valid password  6.Enter the same password as above for confirmation  7.Click on 'Register' button  **Expected Result:** Unsuccessful in creating an account .Email text field is highlighted with error message 'Invalid email ' in red font | **Unsuccessful** |  |
| **1.3 Register with Github account**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Click on 'Register with Github'  4.Enter valid username/email address  5. Enter valid password  6. Click on 'Authorize application' for permitting application to access the account.  **Expected Result:** successful registering with Github account | **Successful** |  |
| **1.4 Register with Github account : invalid username/email-address**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Click on 'Register with Github'  4.Enter invalid username/email address (eg. Username/email-address which is not associated with Github account)  5. Enter invalid password  **Expected Result:** Unsuccessful registering with Github account | **Unsuccessful** |  |
| **1.5 Create account with missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Enter valid username  4.Do not enter email address in the email field  5.Enter password  6.Enter the same password as above for confirmation  7.Click on Register  **Expected Result:** Unsuccessful in creating an account: Email field is highlighted with error message: 'Required field' in red font | **Unsuccessful** |  |
| **1.6 Create an account: special characters in email field**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Click on 'Sign Up'  3.Enter valid username  4. Enter invalid email address with special characters ([eg.](mailto:eg.'test@test.com) ['test@test.com](mailto:'test@test.com)''###'' )  5.Enter password  6.Enter the same password as above for confirmation  7.Click on Register  **Expected Result:** Unsuccessful in creating an account. Displays error message 'unknown validation error' | **Unsuccessful** |  |
| **1.7 Create account : invalid username**  Steps:    1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Enter invalid username (with special characters eg: “test1&&&”)  4.Enter valid email address  5.Enter password  6.Enter the same password as above for confirmation  7.Click on Register  **Expected Result:** Unsuccessful in creating an account. Displays error message 'profile username Invalid' | **Unsuccessful** |  |
| **1.8 Register with Github account: invalid password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Click on 'Register with Github'  4.Enter valid username/email address  5.Enter invalid password  **Expected Result:** Unsuccessful registering with Github account . Error 'Incorrect username or password' | **Unsuccessful** |  |
| **1.9 Register with Github account: missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Click on 'Register with Github'  4. Do not enter username/email address  5. Enter password  **Expected Result:** Unsuccessful registering with Github account. Error 'Incorrect username or password' | **Unsuccessful** |  |
|  | **1.10 Repeat signing up with same user name / email address that has been registered already**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'Sign Up'  3.Enter valid username  4.Enter valid email address  5.Enter password  6.Enter the same password as above for confirmation  7.Click on Register  8.Click on 'Sign out'  9.Repeat signing up with same username/email address as above  **Expected Result:** Unsuccessful in creating an account: Displays error message 'Email exists already' | **Unsuccessful** |  |
|  | **1.11 Register with ‘Fiware’**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Click on 'Sign Up' on navbar  3.Click on ‘Register with Fiware’  4.Click on ‘Sign Up’  5.Fill the registration form with details below:  - Enter Username  - Enter E-mail address  - Enter Password  - Repeat entering the same password as above  6.Select the check box for ‘I accept Fiware terms & conditions’  6.Click on ‘Sign Up’  **Expected Result:** Successful in registering with ‘Fiware’ account and check the email verification sent to the registered email address. | **Successful** |  |
|  | **1.12 Register with ‘Fiware’ with missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Click on 'Sign Up' on navbar  3.Click on ‘Register with Fiware’  4.Click on ‘Sign Up’  5.Do not enter the required fields (eg. username/email address)  5.Select check box for ‘I accept terms...’  6.Click on ‘Sign Up’ button  **Expected Result:** Unsuccessful in creating an account: Username/email fields are highlighted with error message: ' The field is Required ' in red font. | **Unsuccessful** |  |
| **2.Login /Sign In** | **2.1 Login with valid username/Email and password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter valid Username/Email  4.Enter valid password  6.Click on 'Sign In'  **Expected Result:** Successful login | **Successful** |  |
| **2.2 Login with invalid username/Email**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter invalid Username/Email  4.Enter valid password  5.Click on 'Sign In'  Expected Result: Unsuccessful login. Displays  error message : 'Login Forbidden' | **Unsuccessful** |  |
| **2.3 Login with invalid password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter valid Username /Email  4.Enter invalid password  5.Click on 'Sign In'  **Expected Result:** Unsuccessful login. Displays  error message : 'Login Forbidden | **Unsuccessful** |  |
| **2.4 Reset password: valid email address**    Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter Username/Email  4.Click on 'Forgot password'  5. Enter valid email address  6.Click on 'Email Reset Link'  7.Open email to follow reset password instructions:  - Click on 'Reset password' button  8.Enter new password  9.Click on 'Set password' button  10.Click on 'Dismiss' button in user confirmation dialog on successful reset password and login  **Expected Result:** Reset password successful | **Successful** |  |
| **2.5 Reset password: invalid email address**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter valid Username/Email  4.Click on 'Forgot password'  5. Enter invalid email address (eg. Unregistered email address )  6.Click on 'Email Reset Link'  **Expected Result:** Reset password unsuccessful. Displays error 'User not found' | **Unsuccessful** |  |
|  | **2.6 Reset password: missing email**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Enter valid Username/Email  4.Click on 'Forgot password'  5.Do not enter email address  6.Click on 'Email Reset Link'  **Expected Result:** Highlights the email field with error message 'Required field' in red font. | **Unsuccessful** |  |
|  | **2.7 Sign In with ‘Fiware’**  Pre-requisite: User registered with Fiware already  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Go to navbar and click on 'Sign In'  3.Click on ‘Sign In with Fiware’  4.Enter registered email address in ‘Email’ field  5.Enter valid password in ‘Password’ field  6.Click on ‘Sign In’ button  **Expected Result:** Successful sign in with ‘Fiware’ account. User lands on ‘Fiware’ account page : https://account.lab.fiware.org/idm/ | **Successful** |  |
|  | **2.8 Sign In with ‘Fiware’ account: invalid credentials**  Pre-requisite: User registered with Fiware already  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Go to navbar and click on 'Sign In'  3.Click on ‘Sign In with Fiware’  4.Enter unregistered email in ‘Email’ field  5.Enter invalid password in ‘Password’ field  6.Click on ‘Sign In’ button  **Expected Result:** Sign In with Fiware not successful and user notified with error message “Invalid username or password” | **Unsuccessful** |  |
| **3.User Profile** | **3.1 Update User Profile**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Profile' view from homepage  4.Enter valid username (eg. Username with alphanumeric characters: a-z and 0-9, “abc123”)  5.Enter name of the 'Company'  6. Click on 'Update'  **Expected Result**: Successful updating the 'User Profile' | **Successful** |  |
|  | **3.2 Edit User Profile : invalid username**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Profile' view from homepage  4.Enter invalid username (eg. username with special characters “test#&#” )  5.Enter name of the 'Company'  6. Click on 'Update'  **Expected Result:** Unsuccessful in updating profile. Highlights 'username' field with error message : 'profile username Invalid' with red font. | **Unsuccessful** |  |
| **4.Account** | **4.1 Change Password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Account' view  4.Go to 'Change password'  5.Enter 'Current password'  6.Enter valid new password (must be minimum 6 characters)  7.Repeat entering the same password as above  8.Click on 'Change password'  **Expected Result**: Successful in changing password. Displays successful dialog 'updated password' | **Successful** |  |
| **4.2 Change Password: Invalid password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Account' view  4.Go to 'Change password'  5.Enter 'Current password'  6.Enter invalid new password (eg. Password less than 6 characters length)  7.Repeat entering the same password as above  8.Click on 'Change password'  **Expected Result**: Unsuccessful in changing password. Highlights the 'new password' field with error message: 'New password must be at least 6 characters' in red font. | **Unsuccessful** |  |
| **4.3 Change password: Mismatch in new password and confirm password**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Account' view  4.Go to 'Change password'  5.Enter 'Current password'  6.Enter valid new password  7.Repeat entering new password different than above  8.Click on 'Change password'  **Expected Result**: Unsuccessful in changing password. Highlights the 'Confirm password' field with error message: 'Passwords do not match' in red font. | **Unsuccessful** |  |
| **4.4 Change password: Missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Account' view  4.Go to 'Change password'  5.Enter 'Current password'  6.Enter valid new password  7.Do not repeat entering the new password as above ( missing field : 'Confirm new password')  8.Click on 'Change password'  **Expected Result**: Unsuccessful in changing password. Highlights the 'Confirm new password' field with error message: 'Confirm new password required' in red font. | **Unsuccessful** |  |
| **4.5 Delete Account**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Navigate to 'Account' view  4.Go to 'Delete Account' section  5.Click on 'Delete Account' button  **Expected Result**: Successful in deleting account.  (Note: There is no 'Undo' for this action) | **Successful** |  |
| **5.Branding (for admin)** | **5.1 Set Project Branding details**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Branding’ view  4.Upload cover photo  5.Enter text for ‘Site title’  6.Enter text for ‘Site slogan’  7.Set Colors for background and text  8.Enter ‘Site Footer’ text  9.Add social media details :Name and URL  10.Click on ‘Update’ button  **Expected Resul**t: Successful in setting Branding details. | **Successful** |  |
|  | **5.2 Remove cover photo**  Pre-requisite: There must be a saved cover photo existing already  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Branding’ view  4.Delete the cover photo by clicking on ‘trash can’ sign  **Expected Result**:Displays a successful message after deleting cover photo. | **Successful** |  |
| **6.Settings (for admin)** | **6.1 Enable/disable only admin can add APIs**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Settings’ view  4.Select the option ‘Only platform administrators are allowed to add new APIs  5.Click on ‘Save’ button  **Expected Result**: Allows only administrators to add APIs.  - Sign In as owner and check ‘Add API’ feature is not available. | **Successful** |  |
| **6.2 Enable/Disable API Documentation Editor**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Settings’ view  4.Click on radio button to enable ‘API Documentation Editor’  5.Enter the details of 'Host' (eg. [https://](https://generator/)editor.example.com/)  6.Click on ‘Save’ button  **Expected Result:** Successful with enable ‘API Documentation Editor’ . | **Successful** |  |
| **6.3 Enable SDK code generator**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Settings’ view  4.Click on radio button to enable ‘SDK Code Generator ’  5. Enter the details of 'Host' (eg. [https://generator](https://generator/).example.com/ )  6.Click on ‘Save’ button  **Expected Result:** Successful with enable ‘SDK Code Generator’  - Verify that 'SDK Generate' button is visible in the API 'Documentation' view and the user can generate SDK file in a selected language. | **Successful** |  |
| **6.4 Mail Settings**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Settings’ view  4.Go to ‘Mail’ and enter details below:  - Username  - Password  - SMTP host  - SMTP port  - Email address for sending emails (It is used for user registration and contact form submission)  - Email address for receiving emails (It is used for receiving contact form submissions)    (Note: The above given Email addresses need to be valid, pre-existing and domain-specific)  5.Click on ‘Save’ button  **Expected Result**: Successful saving the ‘Mail’ settings.  - Verify the given email address for sending emails and check to validate email addresses used for user registration successfully  - Verify given email for receiving mails and check if contact forms received successfully | **Successful** |  |
| **6.5 Github details**  **Steps:**  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Settings’ view  4.Go to ‘Github’  5.Enter details:  - Client ID  - Secret  6.Click on ‘Save’ button  **Expected Result**: Successful saving ‘Github’ settings | **Successful** |  |
| **7.Dashboard** | **7.1 View Analytics for selected date and time**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Register by clicking on ‘Sign up’  3.Add API  4.Go to ‘APIs’  5.Click on ‘My APIs’  6.Select the above API added  7.Click on ‘Get API Key’  8.Call API with given usage instructions in Details’ view  9.Go to ‘Dashboard’ view  10.Select above API added  11.Go to date filter and select date from calender: ‘from‘ and ‘to’  **Expected Result**: Displays charts and analytics data for the selected time period. | **Successful** |  |
| **8. Add API** | **8.1 Add API (as a new user)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Register by clicking on 'Sign Up'  3.Click on 'Add API'  4.Fill the form with details below:  - API Name  - Description  - URL  5.Click on 'Add API’  6.Go to ‘Proxy’  7.Select a proxy  8.Enter ‘Proxy base path’  9.Enter ‘API base path’  10.Enter ‘API port’ (eg. 443 is default port)  11.Click on 'Save &Publish’ button  **Expected Result**: Successful in publishing API  Verification:  1.Go to API ‘Details’ view , check if ‘Get API key’ button , ‘API URL’ and user instructions on ‘How to make API calls’ displayed there.  2.Go to API catalog and check if newly added API found in the catalog. | **Successful** |  |
|  | **8.2 Publish an API (as a registered user who doesn't own any API)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2. Login as a registered user by clicking on 'Sign In'  3.Click on 'Add API '  4.Fill the form with details below:  - API Name  - Description  - URL  5.Click on 'Add API’  **Expected Result**: Successfully published an API.  Verification:  1.Go to API ‘Details’ view , check if ‘API URL’ and user instructions on ‘How to make API calls’ displayed there.  2.Go to API catalog and check if newly added API listed in the catalog. | **Successful** |  |
|  | **8.3 Connect API to a proxy (as a registered user who doesn't own any API)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on 'Add API '  4.Fill the form with details below:  - API Name  - Description  - URL  5.Click on 'Add API’  6.Go to ‘Proxy’  7.Select a proxy  8.Enter ‘Proxy base path’  9.Enter ‘API base path’  10.Enter ‘API port’  11.Click on 'Save &Publish’ button  **Expected Result**: Successfully connected an API to a proxy.  Verification: Go to added API ‘Details’ view, check if ‘Get API key’ button is shown and user instructions about ‘how to make API calls’ is displayed. | **Successful** |  |
|  | **8.4 Add API : Missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on 'Add API'  4.Fill the form with details below:  - API Name  - Description  5.Do not enter URL  6.Click on 'Add API’  **Expected Result**: Unsuccessful in adding API . Displays message 'Please fill the required fields’. | **Unsuccessful** |  |
|  | **8.5 Add API : Invalid URL**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on 'Add API '  4.Fill the form with details below:  - API Name  - Description  5.Enter invalid URL (eg. ‘testing-URL’)  6.Click on 'Add API’  **Expected Result**: Unsuccessful in adding API backend. Highlights ‘URL’ field with error message ‘URL must be a valid URL’ in red font. | **Unsuccessful** |  |
|  | **8.6 Add API : Invalid proxy configuration**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2. Login as a registered user by clicking on 'Sign In'  3.Click on 'Add API '  4.Fill the form with details below:  - API Name  - Description  - URL  5.Click on 'Add API’  6.Go to ‘Proxy’  7.Select a proxy  8.Enter invalid ‘Proxy base path’ (eg. test1-api1)  9.Enter ‘API base path’  10.Enter ‘API port’  11.Click on 'Save &Publish’ button  **Expected Result:**  - Unsuccessful in adding API .  - Notifies with error message at the text field ‘Proxy base path failed regular expression validation’ with red font.  - Clicking on ‘Save&Publish’ button displays error message ‘Frontend\_prefix must start with ‘/’ . | **Unsuccessful** |  |
|  | **8.7 Connect API to EMQ proxy**  **Prerequisite: Added EMQ as proxy already by admin**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2. Login as a registered user by clicking on 'Sign In'  3.Add API  4.Go to ‘Proxy’  5.Select ‘EMQ’ from the drop down menu  8.Enter invalid ‘Proxy base path’ (eg. test1-api1)  9.Enter ‘API base path’  10.Enter ‘API port’  11.Click on 'Save &Publish’ button  **Expected Result:** Successful in connecting API to emq proxy . Verify if ‘eMQ users’ table appears in proxy view. | **Successful** |  |
| **9.View API Backend (as registered user)** | **9.1 View Documentation**  Pre-requisite: Dashboard contains an API with a Swagger document  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on ‘APIs'  4.Select any one of the APIs  5.Click on 'Documentation'  **Expected Result**: Successful in viewing documentation of selected API | **Successful** |  |
| **9.2 Feedback**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on 'APIs'  4.Select and click on any API backend  5.Go to 'Feedback and click on 'Send Feedback' button  6. Enter 'Topic' of the feedback report  7.Enter 'Message'  8.Choose message type from drop down menu (eg. Feedback/Error report/Feature request)  9.Click on 'Submit' button  **Expected Result**: Successful in sending feedback for the selected API as a registered user. | **Successful** |  |
|  | **9.3 Feedback: Missing fields**  Steps:  1.Visit [http://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user by clicking on 'Sign In'  3.Click on 'APIs'  4.Select and click on any API  5.Go to 'Feedback and click on 'Send Feedback' button  6.Enter 'Topic' of the feedback report  7.Enter 'Message'  8.Do not select the 'message type' from drop down menu  9.Click on 'Submit' button  **Expected Result**: It highlights the 'message type 'field and displays error message 'Choose message type is required' in red font. | **Unsuccessful** |  |
| **9.4 Make all feedback public**  **Pre-requisite: Feedbacks available for APIs**  Steps:  1.Visit [http://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as owner of API by clicking on 'Sign In'  3.Click on 'APIs'  4.Select and click on any API backend  5.Go to 'Feedback’ view by clicking on ‘Feedback’ tab  6.Click on ‘Make all feedback private’  7.Confirm changing feedback visibility by clicking on ‘Confirm’ button in user dialog box.  **Expected Result:** Successful in changing feedbacks visibility to ‘Private’ .  Verification: Login as a registered user and go to the feedback view of that particular API and check if feedback list is not visible . | **Successful** |  |
|  | **9.5 Make all feedback ‘Public’**  **Pre-requisite: Feedbacks available for APIs**  Steps:  1.Visit [http://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as owner of API by clicking on 'Sign In'  3.Click on 'APIs'  4.Select and click on any API backend  5.Go to 'Feedback’ view by clicking on ‘Feedback’ tab  6.Click on ‘Make all feedback public’  7.Confirm changing feedback visibility by clicking on ‘Confirm’ button in user dialog box.  **Expected Result**: Successful in changing feedbacks visibility to ‘Public’ .  Verification: Login as a registered user and go to the feedback view of that particular API and check that feedback list is visible . | **Successful** |  |
|  | **9.6 Make a single feedback ‘Private’**  **Pre-requisite: Feedbacks available for APIs**  Steps:  1.Visit [http://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as owner of API by clicking on 'Sign In'  3.Click on 'APIs'  4.Select and click on any API backend  5.Go to 'Feedback’ view by clicking on ‘Feedback’ tab  6.Go to a selected feedback window  7.Click on ‘Make private’ button  Expected Result: Successful in changing the visibility of a particular feedback to ‘Private’ and ‘eye’ signed icon appears at that particular feedback window. | **Successful** |  |
| **10. Manage APIs (as API owner)** | **10.1 View Details**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3. Go to 'APIs' and click on ‘My APIs’  4.Select an API  **Expected Result**: This leads to 'Details' view of selected API | **Successful** |  |
| **10.2 Documentation**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to 'APIs' and click on ‘My APIs’  4.Select an API  5.Click on 'Documentation' tab  6.Click on 'Manage' button  7.Enter documentation link (eg. Wiki / Github page/web resource where documentation of API is located)  8.Click on 'Save' button  **Expected Result**: Documentation link successfully updated | **Successful** |  |
|  | **10.3 Upload swagger document**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Documentation' tab  6.Click on 'Manage' button  7.Select file to upload by clicking on 'Choose file'  8.Select any of the given ‘calling methods’ (eg. GET/POST/DELETE/PATCH/PUT).  Note: the above step 8 is optional  9. Click on 'Save' button  **Expected Result**: Successful in uploading swagger document. Displays a message 'Documentation file successfully uploaded'.  Verification: Uploaded Swagger file gets displayed in ‘Documentation’ viewer | **Successful** |  |
|  | **10.4 Delete Swagger document**  Pre-requisite: There must be a swagger document uploaded already  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Documentation' tab  6.Click on 'Manage' button  7.Delete the swagger document by clicking on 'trashcan' sign  8.Click on 'OK' button for user confirmation  **Expected Result**:Successful in deleting the swagger document. Displays dialog “Documentation file successfully deleted”  Verification: Check that the deleted swagger file is no longer displayed in ‘Documentation’ viewer | **Successful** |  |
|  | **10.5 Upload document (other than JSON/YAML file formats)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Documentation' tab  6.Click on 'Manage' button  7.Select file to upload by clicking on 'Choose file' (eg. .doc/.dot formats: test.doc)  8. Click on 'Save'  **Expected Result**: Unsuccessful in uploading swagger document. Displays dialog 'Only YAML and JSON file formats accepted' | **Unsuccessful** |  |
|  | **10.6 Delete and reload swagger document**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Documentation' tab  6.Click on 'Manage' button  7.Select file to upload by clicking on 'Choose file'  8.Click on 'Save'  9.Go to the document uploaded above and delete the swagger document by clicking on 'trashcan' sign  10.Click on 'OK' button for user confirmation  11.Click on 'Choose file' to reload a new swagger document  12.Click on 'Save'  **Expected Result**: Successful in deleting and reloading a new swagger document. Displays dialog 'Documentation file successfully uploaded' | **Successful** |  |
|  | **10.7 Add/Edit Metadata**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Metadata' tab  6.Click on 'Edit Metadata'  7.Enter the Organization details:  - Enter Name  - Enter Description  8.Enter Contact details:  - Enter Name  - Enter Phone  - Enter Email address  9.Enter Service details:  - Enter Name  -Enter description  -Enter 'valid since'  - Enter 'valid 'until'  - Enter Service Level Agreement  10.Click on 'Submit'  **Expected Result**:Successful in adding 'API Metadata' | **Successful** |  |
|  | **10.8 Add Backlog item**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to 'Backlog' and click on 'Add Backlog item' button  6.Enter Backlog details:  - Enter Title  - Select 'Priority' from drop down menu (eg. High/Middle/None)  - Enter Details  7.Click on 'Add backlog item'  **Expected Result**: Successful in adding a 'Backlog' item | **Successful** |  |
|  | **10.9 Add Backlog item : Missing fields**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to 'Backlog' and click on 'Add Backlog item' button  6.Enter Backlog details:  - Enter Title  - Do not choose the 'Priority' (High/Middle/None).  - Enter Details  7.Click on 'Add backlog item'  **Expected Result**: Unsuccessful in adding a 'Backlog' item . Highlights the concerned field and displays error message 'Priority field required' in red font. | **Unsuccessful** |  |
| **10.10 Export JSON document**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to 'Export' tab  6.Click on 'Export.json' button  **Expected Result**: Successful in exporting apiconfig.json document | **Successful** |  |
| **10.11 Export YAML document**  Steps:  1.Visit [http://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to 'Export' tab  6.Click on 'Export.yaml' button  **Expected Result**: Successful in exporting 'apiconfig.yaml' document | **Successful** |  |
| **11. API Settings** | **11.1 Upload logo for API**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Settings'  6.Go to ‘Details’ panel and click on ‘upload logo’ button  **Expected Result**: Displays message ‘Logo successfully uploaded’.  - Verify the logo that appears in both in catalog and single API views. | **Successful** |  |
| **11.2 Delete uploaded logo for API**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Settings'  6.Go to ‘Details’ panel and click on ‘upload logo’ button to upload logo  7.Once logo is uploaded, click on ‘trash can’ sign  8.Confirm ‘delete logo’ by clicking on ‘OK’ button  **Expected Result**: Displays message ‘Logo Successfully deleted’ and it disappears in both catalog and single API views. | **Successful** |  |
| **11.3 Edit API**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Go to ‘Details’ panel  7.Edit ‘API Name’  8.Click on 'Save' button  **Expected Result**: Successful in saving ‘API Name’ | **Successful** |  |
|  | **11.4 Set Visibility of API : Private/Public**  **(Note: By default Visibility of API is Public)**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Go to ‘Change API Visibility’ panel and click on ‘Make Private’ button  **Expected Result**: Successful in setting API visibility to private to other users but it is visible to the owners and admins in their catalog. | **Successful** |  |
|  | **11.5 Add Authorized Users**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Go to ‘Change API Visibility’ a and click on ‘Make Private’ button  7.Add authorized user:  - Enter a valid email address  8.Click on ‘Add authorized user’ button  **Expected Result**: Successful in adding authorized user. This allows to give users permission to view API even when it is globally marked as private. | **Successful** |  |
| **11.6 Enable/Disable API Monitoring**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Select ‘Enable API monitoring’  7.Enter the end point to monitor (eg. valid path to make actual API calls)  8.Click on ‘Save’ button  **Expected Result**: Displays message ‘The API Monitoring Settings are successfully saved’. | **Successful** |  |
|  | **11.7 Enable API Monitoring: Invalid end point to monitor**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Select ‘Enable API monitoring’  7.Enter the end point to monitor (eg. invalid path: ‘abcdefg’ )  8.Click on ‘Save’ button  **Expected Result**:Unsuccessful with ‘Enable API monitoring’. Displays error message ‘Endpoint to monitor is required’ | **Unsuccessful** |  |
|  | **11.8 Edit/Add description to API**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Click on 'Settings'  6.Go to ‘Details’ panel and edit/add text in ‘Description’ field  7.Click on ‘Save’ button  **Expected Result**: Successful adding description of API. This is visible in Catalog (grid view) and single API view. | **Successful** |  |
|  | **11.9 Delete API**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Go to Delete panel and click on 'Delete' button  7.Confirm delete action by clicking on ‘Delete’ button  **Expected Result**: Successful in deleting API and its related information ( i.e metadata, documentation,API backlog items and feedback) | **Unsuccessful** |  |
|  | **11.10 Cancel deleting API Backend**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as API owner by clicking on 'Sign In'  3.Go to ‘APIs’ and click on ‘My APIs’  4.Select an API  5.Go to ‘Settings’  6.Go to Delete panel and click on 'Delete' button  7.Click on 'Cancel' button in user confirmation dialog box  **Expected Result**: Successful cancellation of delete API backend. | **Successful** |  |
| **12.Catalog: (Filtering ,Sorting,table view,card view)**  **Note: The default view in catalog is the card view** | **12.1 View Catalog (new user)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Register by clicking on 'Sign Up'  3.Add API Backend  4.Click on 'APIs'  **Expected Result**: Successful in viewing catalog. | **Successful** |  |
| **12.2 View Catalog (Anonymous user)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'APIs'  **Expected Result**: Successful in viewing catalog as anonymous user | **Successful** |  |
| **12.3 Modify order after sorting**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as registered user  3.Add API  4.Click on 'APIs'  5.Go to ‘Sort by’ drop down menu and select 'Name'  6.Click on ‘Ascending sort order’ button  **Expected Result**: Successful in viewing APIs in ascending order (eg. Alphabetical order) | **Successful** |  |
| **12.4 Card View**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as registered user  3.Add API  4.Click on 'APIs'  5.Go to filter and click on tab with 'grid' sign  **Expected Result**: APIs displayed in card view | **Successful** |  |
| **12.5 Table view**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as registered user  3.Add API  4.Click on 'APIs’  4.Go to filter and click on tab with 'table' sign  **Expected Result**: APIs displayed in table view | **Successful** |  |
| **12.6 View 'My APIs'**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as registered user  3.Add API  4.Click on 'APIs’  5.Go to filter and click on ''My APIs' tab  **Expected Result**:Successful in viewing 'My APIs' | **Successful** |  |
| **12.7 View 'My Bookmarks'**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as registered user  3.Go to 'APIs’  4.Select any API and click on 'flag’ sign to bookmark API  5.Go to filter and click on 'My Bookmarks' button  **Expected Result**: Successful in viewing bookmarked APIs. | **Successful** |  |
| **12.8 Sort by 'Name'**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Add API  4.Go to 'APIs’  5.Go to 'Sort by' tab and select 'Name' from drop down menu  **Expected Result**: Successful in sorting API by name. | **Successful** |  |
| **12.9 Sort by 'Number of bookmarks''**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a owner  3.Click on 'APIs’  4.Bookmark APIs clicking on 'flag' sign  5.Go to 'Sort by' tab and select 'Number of bookmarks' from drop down menu  E**xpected Result**: Successful in sorting APIs by 'Number of bookmarks' | **Successful** |  |
| **12.10 Sort by 'Date created''**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as owner  3.Click on 'APIs’  4.Go to 'Sort by' tab and select 'Date created' from drop down menu  **Expected Result**: Successful in sorting APIs by 'Date created' . | **Successful** |  |
|  | **12.11 Sort by 'Average Rating'**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as owner  3.Click on 'APIs’  4.Go to 'Sort by' and select 'Average Rating' from drop down menu  **Expected Result**: Successful in sorting APIs by 'Average Rating' | **Successful** |  |
| **12.12 Sorting as anonymous user**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Click on 'APIs'  3.Go to 'Sort by' tab and select sorting option from drop down menu (eg. Average Rating ;descending order)  Expected Result: Successful in sorting APIs by 'Average Rating' (descending order)as anonymous user | **Successful** |  |
| **12.13 Filtering: View 'all' APIs**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Go to 'APIs’  4.Click on 'Show all'  **Expected Result**: Successful in viewing all available APIs | **Successful** |  |
|  | **12.14 Filtering:View 'all' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Go to 'APIs’  4.Click on 'Show all'  5.Click on 'Table' signed button  **Expected Result**: Successful in viewing all available APIs in table view | **Successful** |  |
| **12.15 Filtering: View 'My APIs' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Add APIs  4.Click on 'APIs’  5.Go to filter and click on 'My APIs' tab  6.Click on 'Table' signed button  **Expected Result**:Successful in viewing 'My APIs' in table view | **Successful** |  |
| **12.16 Filtering: Show 'My Bookmarks' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Click on 'APIs’  4.Bookmark APIs clicking on ‘flag’ sign  5.Go to 'Sort by' tab and select 'Number of bookmarks' from drop down menu  6.Click on 'Table' signed button  **Expected Result**: Successful in viewing sorted APIs by 'Number of bookmarks in table view . | **Successful** |  |
| **12.17 Sort by 'Name' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as a registered user  3.Click on 'APIs’  4.Sort by name and select descending order by clicking on down arrow button  5.Click on 'Table' signed button  **Expected Result**: Successful in viewing sorted APIs by name in table view | **Successful** |  |
| **12.18 Sort by 'Number of bookmarks' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Click on 'APIs’  4.Select and bookmark API clicking on 'flag' sign  5.Go to 'Sort by' tab and select 'Number of bookmarks' from drop down menu  6.Click on 'table' signed button  **Expected Result**: Successful in viewing sorted APIs by 'Number of bookmarks' in table view | **Successful** |  |
| **12.19 Sort by 'Average Rating' and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Click on 'APIs’  4.Select API and click on rating stars  5.Go to 'Sort by' tab and select 'Average Rating' from drop down menu  6.Click on 'table' signed button  **Expected Result**: Successful in viewing sorted APIs by 'Average Rating' in table view | **Successful** |  |
| **12.20 Sort by 'Date Created and toggle to table/card view (vice versa)**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a registered user  3.Click on 'APIs’  4.Select API and bookmark by clicking on 'flag' sign  5.Go to 'Sort by' tab and select 'Date Created' from drop down menu  6.Click on 'table' signed button  **Expected Result**: Successful in viewing sorted APIs by 'Date created' in table view | **Successful** |  |
|  | **12.21 Bookmark API from single API view**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to 'APIs’  4.Select and click on any API  5.Click on ‘flag’ sign to bookmark API  **Expected Result**:Successful bookmark API from single API view and is visible in ‘My bookmarks’ in Catalog view. | **Successful** |  |
| **12.22 Remove bookmark from single API view**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Login as a API owner by clicking on 'Sign In'  3.Go to 'APIs’  4.Select and bookmark API by clicking on 'flag' sign  5.Remove bookmark by clicking on ‘flag’ sign again  **Expected Result**:Successful removing bookmark from single API view and it is not visible in ‘My bookmarks’ in Catalog view. | **Successful** |  |
| **13. Making calls to API** | **1****3.1 Call API with API Key**  Steps:  1.Visit [https://nightly.apinf.io](https://dashboard.digipalvelutehdas.fi/)  2.Register by clicking on ‘Sign up’  3.Add API  4.Go to API catalog  5.Select and click on API that was added in preceding steps  6.Click on ‘Proxy’ tab  7.Fill the form with proxy details  8.Click on ‘Save and Publish’ button  9.Go to the newly added API ‘Details’ view  10.Click on ‘Get API Key’ button  11.Call API using API key according to the given usage instructions in Details’ view.  - eg. <https://api-umbrella/gmaps>/?api\_key=ab123abc....  **Expected Result**: Successful in calling API.  Verification: Go to ‘Dashboard’ ,select the called API from ‘APIs’ drop down menu and verify that its analytics displayed successfully. | **Successful** |  |
|  | **13.2 Call API missing API Key**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Register by clicking on ‘Sign up’  3.Add API  4.Connect API to proxy  5.Go to 'APIs’  6.Click on ‘My APIs’  7.Select the above API added  8.Click on ‘Get API Key’  9.Call API without using API Key  - eg. <https://api-umbrella/gmaps>  **Expected Result**: Displays error message ‘API\_Key\_Missing’ | **Unsuccessful** |  |
| **13.3 Call API after API key has been set as optional.**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Sign in as API owner  3.Add API with proxy  4.Go to 'APIs' and click on ‘My APIs’  5.Select and click on API added above  6.Click on ‘Get API Key’  7.Go to ‘Proxy’  8.Select the option for ‘Disable API Key Requirement'  9.Click on 'Save &Publish’ button  10.Go to ‘Details’ view to get updated usage instructions  11.Call API without using API key  **Expected Result**: Successful in calling API without using API key. | **Successful** |  |
| **14. Proxies (for admin)** | **14.1 Add Proxy**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Proxies’ view  4.Click on 'Add proxy'  5.Enter ‘Proxy’ details  - Name  - Description  - Type (eg. Select 'apiUmbrella' from drop down menu)  6.Go to ‘API Umbrella’ and enter the required details:  - URL  - API Key  - Auth Token  - Elastic Search  7.Click on ‘Save’ button  **Expected Result**: Successful adding a proxy.  Verification: Navigate to ‘Proxies’ view and check if newly added proxy listed there. | **Successful** |  |
| **14.2 Add 'eMQ' Proxy**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Proxies’ view  4.Click on 'Add proxy'  5.Enter ‘Proxy’ details  - Name  - Description  - Type (eg. Select 'eMQ' from drop down menu)  6.Go to ‘Broker Endpoints'  7.Enter details:  - Protocol  - Host  - Port  8.Enter HTTP API URL  9.Enter Elastic Search URL  10.Click on ‘Save’ button  **Expected Result**: Successful adding 'eMQ' as proxy. Go to ‘Proxies’ and check if the ‘emq’ proxy appears in ‘Proxies’ view. | **Successful** |  |
| **14.3 Remove Proxy**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Proxies’ view  4.Add Proxy  5.Click on ‘Save’ button  6.Go to above proxy added  7.Click on ‘Remove’  **Expected Result**: Successful in removing a proxy. Go to ‘Proxies’ and verify that the emq proxy is no longer available in ‘Proxies view’ | **Successful** |  |
| **14.4 Edit Proxy**  Steps:  1.Visit [https://nightly.apinf.io](https://nightly.apinf.io/)  2.Login as admin user  3.Navigate to ‘Proxies’ view  4.Add Proxy  5.Click on ‘Save’ button  6.Navigate to ‘Proxies’ view and go to above added proxy  7.Click on ‘Edit’ button  8.Edit proxy details (eg. Description)  9.Click on ‘Save’ button  **Expected Result**: Successful in updating proxy details. Navigate to ‘Proxies’ view , go to respective edited proxy and check if its details got updated. | **Successful** |  |
| **15.Organization** | **15.1 Add Organization**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Click on 'Add Organization' button  5.Enter the details:  - Name, URL,Description  - Contact: Name,phone,email address  6.Click on 'Save' button  **Expected Result:** Successful adding organization. Go to ‘Organization’ catalog and check if added organization found from catalog. | **Successful** |  |
| **15.2 Settings: Edit Organization details**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog  6.Select and click on above organization added  7.Click on 'Settings'  8.Go to 'General'/'Contact' to edit details (eg. Name/URL/Description/phone/email)  9.Click on 'Save' button  **Expected Result:** Successful edit and saved organization details | **Successful** |  |
| **15.3 Connect APIs to organization**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Connect API to organization' button  7.Select API from drop down menu  8.Click on 'Connect' button  **Expected Result:** Displays successful message 'Connecting API to organization successful' and connected API shown on organization profile view. | **Successful** |  |
| **15.4 Organization profile : filter APIs based on Lifecycle status**  Pre-requisite: APIs with Lifecycle status exist already  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Connect APIs to above added organization  7.Go to organization profile  8.Click on 'filter' icon  9.Select the Lifecycle status from drop down menu  10.Click on 'Filter' button  **Expected Resul**t: Shows APIs filtered based on selected Lifecycle status | **Successful** |  |
|  | **15.5 Sort APIs that are connected to organization**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Connect APIs to above added organization  7.Go to organization profile  8.Go to 'Sort by' and select any one of the options from drop menu: Names(A-Z)/Newest created/Bookmarks/Ratings  **Expected Result:** Shows sorted APIs based on selected option. | **Successful** |  |
|  | **15.6 Upload Logo**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Settings' tab  7.Add logo by clicking on 'Upload logo' button    **Expected Resul**t: Successful in uploading logo and it is visible in organization’s profile view. | **Successful** |  |
|  | **15.7 Upload Cover image**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Settings' tab  7.Click on 'Upload cover image' button  **Expected Resul**t: Successful in uploading cover image and it is visible in organization’s profile view. | **Successful** |  |
|  | **15.8 Content Management:number of APIs per page**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Settings' tab  7.Go to 'Content Management': ‘Number of APIs per page’  8.Select the number other than default from drop down menu  9.Click on 'Save' button  **Expected Result**: Successful in setting number of APIs per page .  Verification: Go to organization profile and check if the number of APIs displayed there corresponds to the number selected from the drop down menu. | **Successful** |  |
|  | **15.9 Content Management:number of media items per page**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Settings' tab  7.Go to 'Content Management': ’Number of media items per page’  8.Select ‘number’ other than default from drop down menu  9.Click on 'Save' button  **Expected Result:** Successful in setting number of media items per page.  Verification: Go to organization profile and check if the number of media items displayed there corresponds to the number selected from the drop down menu. | **Successful** |  |
|  | **15.10 Add Social Media Platforms**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Click on 'Settings' tab  7.Go to 'Social Media Platforms'  8.Add social media links in the respective text fields: Facebook,Twitter, Instagram ,Linked In  9.Click on 'Save' button  **Expected Result:** Successful adding social media platforms. Added media links are displayed in organization profile view and they are clickable. | **Successful** |  |
|  | **15.11 Add Organization Manager**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding steps to open its profile  6.Connect APIs to organization  7.Click on 'Settings' tab  8.Go to 'Organization Managers'  9.Enter email address of a registered user  10.Click on 'Add' button  **Expected Result:** Successful adding Organization manager who has the same rights as the original API manager.  - Verify if being organization manager can edit and delete the API after an API has been connected to organization | **Successful** |  |
|  | **15.12 Delete Organization**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding step to open its profile  6.Click on 'Settings' tab  7.Go to 'Delete Organization’  8.Click on 'Delete' button  9.Confirm by clicking on ‘delete’ button in the user dialog box  **Expected Result**: Successful in deleting the organization. All the information related to organization is removed and respective APIs that are associated to this organization are disconnected. Also check that this organization is no longer found in the organization catalog. | **Successful** |  |
|  | **15.13 Mark APIs as featured ones**  Steps:  1.Visit https://nightly.apinf.io  2.Login as admin  3.Go to organizations  4.Add Organization  5.Go to organization catalog,select the organization added in preceding step to open its profile  6.Connect API to organization  7.Go to above connected API  8.Click on the pin button in upper right corner in API card  **Expected Result:** Successful in marking API as a featured one.  Verification: Go to organization profile and check if marked API listed under ‘Featured APIs’ section. | **Successful** |  |
| **16. Web feed ‘RSS’** | **16.1 Web Feed ‘RSS’**  Steps:  1.Visit https://nightly.apinf.io  2.Go to navbar and click on ‘APIs’  3.Click on ‘RSS feed’ icon (orange colored icon)  **Expected Result:** Displays the updated summary of the web content. | **Successful** |  |