

ASCENDION

Engineering to elevate life®

Ascendion AVA Digital Ascender



TRIAL ACCESS INSTRUCTION MANUAL

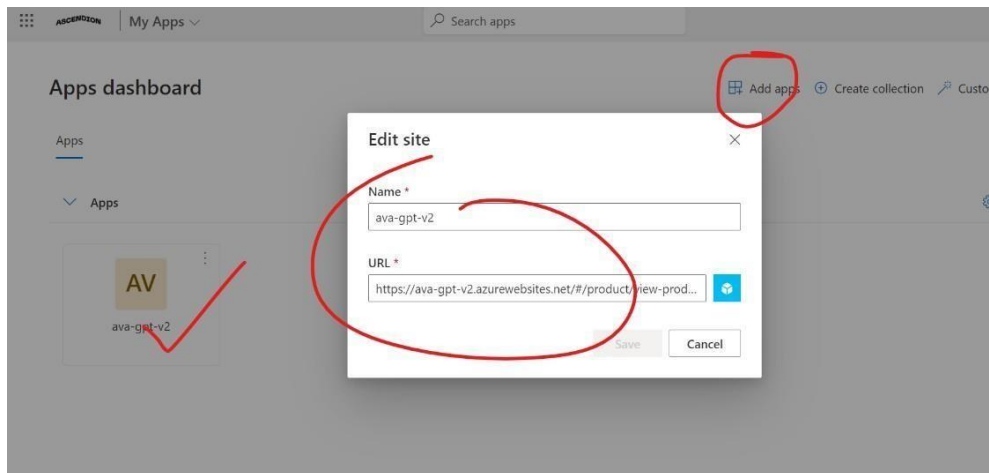
INDEX

INSTRUCTIONS	2
Guest Access	2
Digital Ascender Use cases	3
A. Product Management	3
B. Quality Engineering	4
C. Plugins	5
D. Conversion	6
E. Ask Me	10

Instructions

Guest Access

1. Upon receiving the email with the subject "Ascendion invited you to access the applications within their organization," please click the "Accept Invitation" link from the email address "Microsoft Invitations on behalf of ascendion invites@microsoft.com."
2. Activate the Guest access by utilizing your Microsoft account and the Microsoft Authenticator application.
3. After successfully activating the Guest access, navigate back to the same email and click on the provided application link.

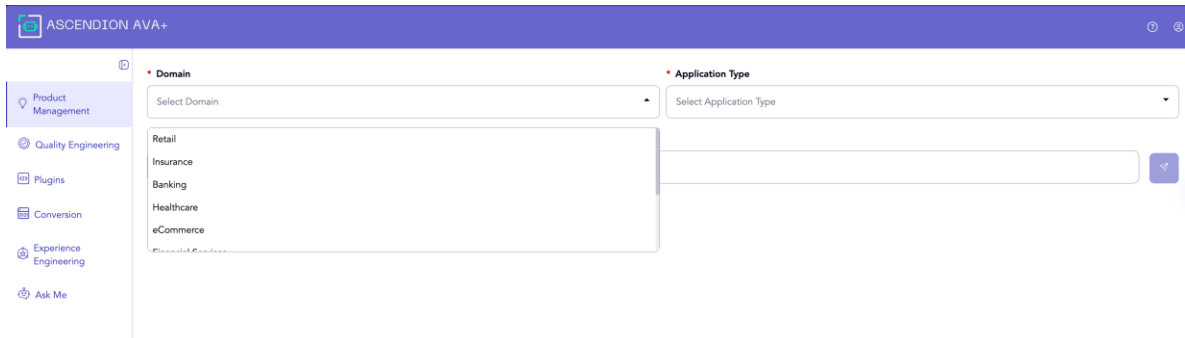


4. Once you land on the designated page, click the "Add Apps" button. In the provided fields, enter the Name* as "**digital-ascender-Highmark Thryve**" and the URL* as <https://digital-ascender-portal-highmark-thryve.azurewebsites.net/newportal/>
5. After adding the application, click on the "**digital-ascender-Highmark Thryve**" application to access the Ascendion Digital Ascender demo version.

Digital Ascender Use cases

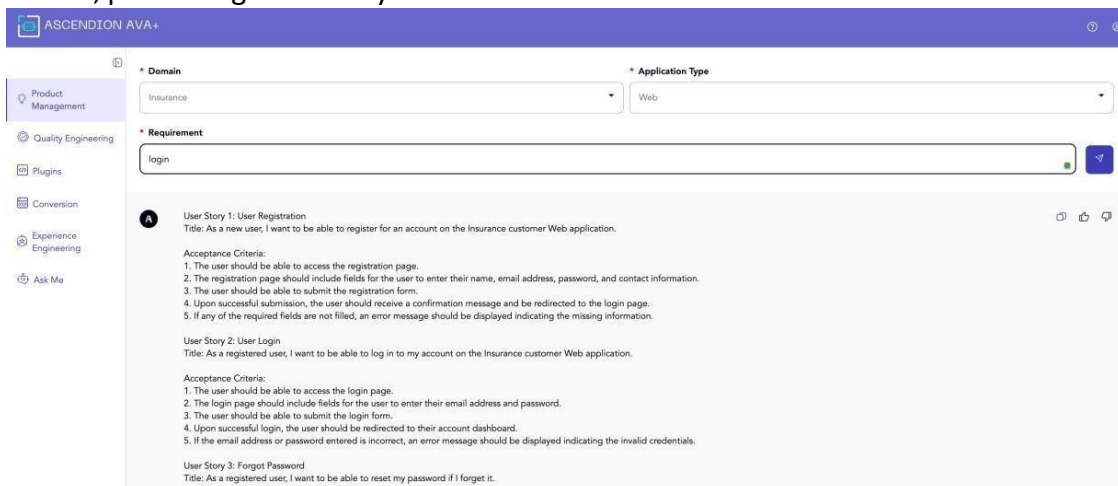
A. Product Management

1. Upon accessing the Product Management Page, begin by selecting the appropriate Domain and Application Type from the provided options.



The screenshot shows the ASCENDION AVA+ interface. On the left is a sidebar with navigation links: Product Management (selected), Quality Engineering, Plugins, Conversion, Experience Engineering, and Ask Me. The main area has two dropdown menus at the top: 'Domain' and 'Application Type'. The 'Domain' dropdown is open, displaying a list of options: Retail, Insurance, Banking, Healthcare, and eCommerce. The 'Application Type' dropdown is also visible, showing 'Select Application Type'. Below these dropdowns is a large text input box for entering an EPIC and a description, followed by a blue 'Arrow' button.

2. In the designated Text input box, enter the EPIC and a concise description of the desired feature, then click the "Arrow" button to proceed.
3. Digital Ascender will analyze the provided feature description and generate relevant user stories, presenting them for your review.



The screenshot shows the same ASCENDION AVA+ interface, but now the 'Domain' dropdown is set to 'Insurance' and the 'Application Type' dropdown is set to 'Web'. The 'Requirement' text box contains the word 'login'. Below the text box, three user stories are displayed, each with a title, a description, and a list of acceptance criteria.

User Story 1: User Registration
 Title: As a new user, I want to be able to register for an account on the Insurance customer Web application.
 Acceptance Criteria:
 1. The user should be able to access the registration page.
 2. The registration page should include fields for the user to enter their name, email address, password, and contact information.
 3. The user should be able to submit the registration form.
 4. Upon successful submission, the user should receive a confirmation message and be redirected to the login page.
 5. If any of the required fields are not filled, an error message should be displayed indicating the missing information.

User Story 2: User Login
 Title: As a registered user, I want to be able to log in to my account on the Insurance customer Web application.
 Acceptance Criteria:
 1. The user should be able to access the login page.
 2. The login page should include fields for the user to enter their email address and password.
 3. The user should be able to submit the login form.
 4. Upon successful login, the user should be redirected to their account dashboard.
 5. If the email address or password entered is incorrect, an error message should be displayed indicating the invalid credentials.

User Story 3: Forgot Password
 Title: As a registered user, I want to be able to reset my password if I forget it.

B. Quality Engineering

Test Scenario Generation

1. From the left navigation panel, select the "Quality Engineering" option. Once on the Quality Engineering page, choose the relevant Domain and Application Type from the provided dropdowns. Then, enter the details of the user story in the "Requirement" field. When ready, click on the "Arrow" button to proceed.

ASCENDION AVA+

Product Management

Quality Engineering

Plugins

Conversion

Experience Engineering

Ask Me

* Domain: eCommerce

* Application Type: Web

* Requirement: users add the product to the cart

2. Digital Ascender (DA) will generate and present the relevant Test Scenarios in the widely adopted Gherkin format, which follows the Given-When-Then structure.

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Product Management

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* Requirement: users add the product to the cart

User Story: Users add the product to the cart

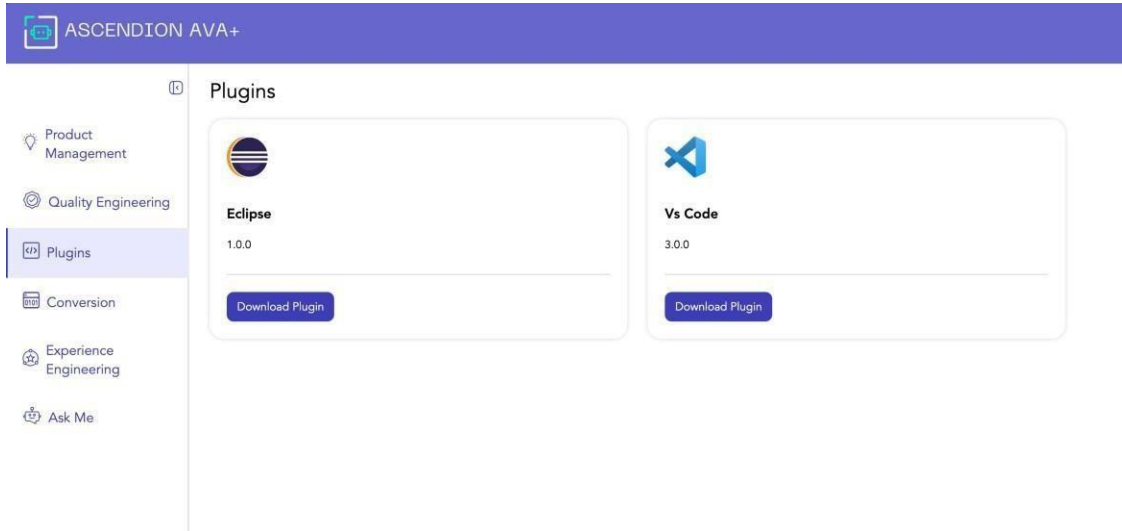
Test Scenarios:

1. Valid Scenario - Logged in user adds a product to the cart:
 - Given a logged in user is on the product page
 - When the user clicks on the "Add to Cart" button for a specific product
 - Then the product is successfully added to the cart
 - And the cart count is incremented by 1
2. Valid Scenario - Guest user adds a product to the cart:
 - Given a guest user is on the product page
 - When the user clicks on the "Add to Cart" button for a specific product
 - Then the user is redirected to the login/registration page
 - And a message is displayed to prompt the user to login/register
3. Invalid Scenario - User tries to add an out-of-stock product to the cart:
 - Given a logged in user is on the product page
 - And the product is out of stock
 - When the user clicks on the "Add to Cart" button for that product
 - Then an error message is displayed indicating the product is out of stock
 - And the cart count remains unchanged
4. Edge Case - User tries to add a product with a quantity greater than the available stock to the cart:
 - Given a logged in user is on the product page
 - And the available stock for the product is 10

C. Plugins

This feature is intended for use by all members of the development team."

1. From the left navigation panel, select the "Plugins" option. Users will have access to a comprehensive list of available plugins, displaying the most recent versions available for download.



2. Developers can access Digital Ascender (DA) use cases within the Plugin by navigating to the Code section, right-clicking on the desired code snippet, and selecting the applicable use case from the provided options.

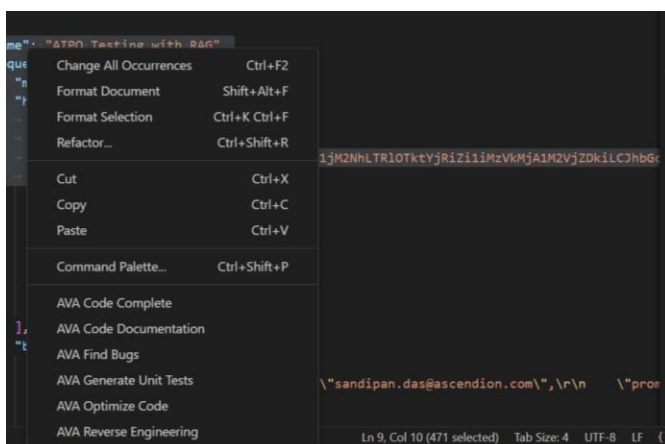


Fig: Command Options from Visual Studio Code Plugin

3. AVA Code Complete - This use case utilizes natural language processing to comprehend the selected code segment and assist in completing the remaining portions intelligently.

4. AVA Code Documentation - This feature aids developers in generating inline documentation for their code, including brief descriptions of variables and other relevant details.
5. AVA Find Bugs - This use case leverages advanced algorithms to analyze the selected code and identify potential bugs or issues.
6. AVA Generate Unit Tests - This use case automatically generates relevant unit test cases for the selected code, facilitating thorough testing and validation.
7. AVA Optimize Code - This use case employs sophisticated techniques to optimize the selected code, improving its performance, efficiency, and maintainability.
8. AVA Reverse Engineering - This use case translates code into plain English, aiding in comprehension and knowledge transfer, particularly for non-technical stakeholders.

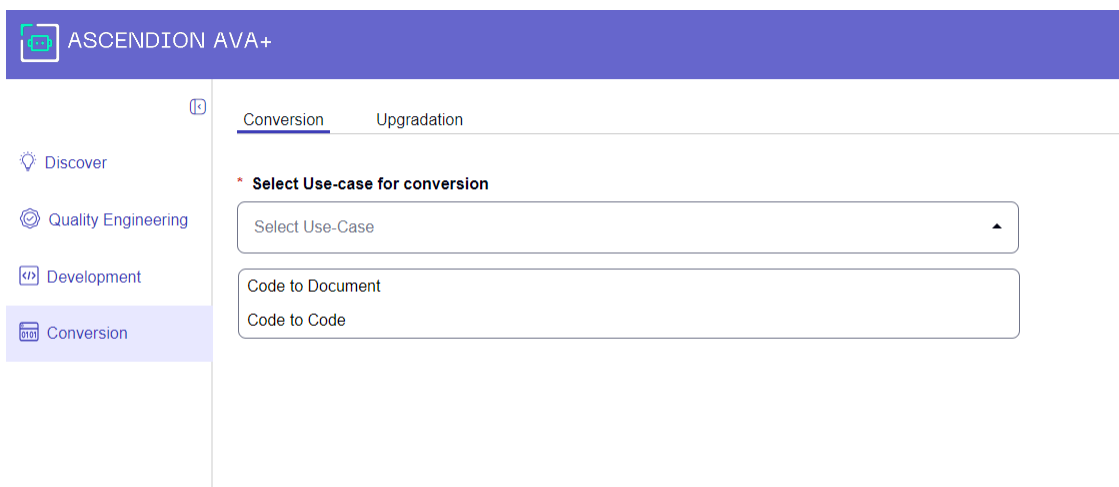
D. Conversion

This use case offers Conversion and Upgradation is for Angular code update and code Conversion.

A. Conversion:

Under conversion select a use case: 1) code to code and 2) code to document.

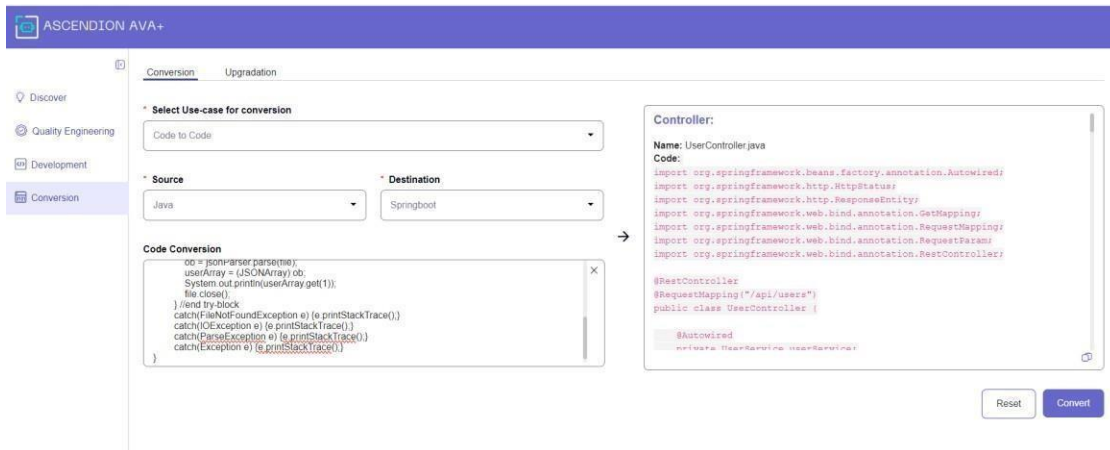
1) code to code



The screenshot displays the ASCENDION AVA+ web application interface. On the left, a sidebar contains navigation links: Discover, Quality Engineering, Development, and Conversion (which is highlighted). The main content area is titled 'Conversion' and 'Upgradation'. Under the 'Conversion' tab, there is a section titled '* Select Use-case for conversion'. This section contains a dropdown menu labeled 'Select Use-Case' and a list of two options: 'Code to Document' and 'Code to Code'.

- Select the appropriate source code language and the desired destination language for the conversion process from the provided options.
- In the designated "Code Conversion" box, paste or enter the source code that needs to be translated.

- Once the code has been entered, click the "Convert" button to initiate the translation process.
- Upon successful conversion, the translated code will be displayed, allowing you to copy and utilize it for further purposes as needed.



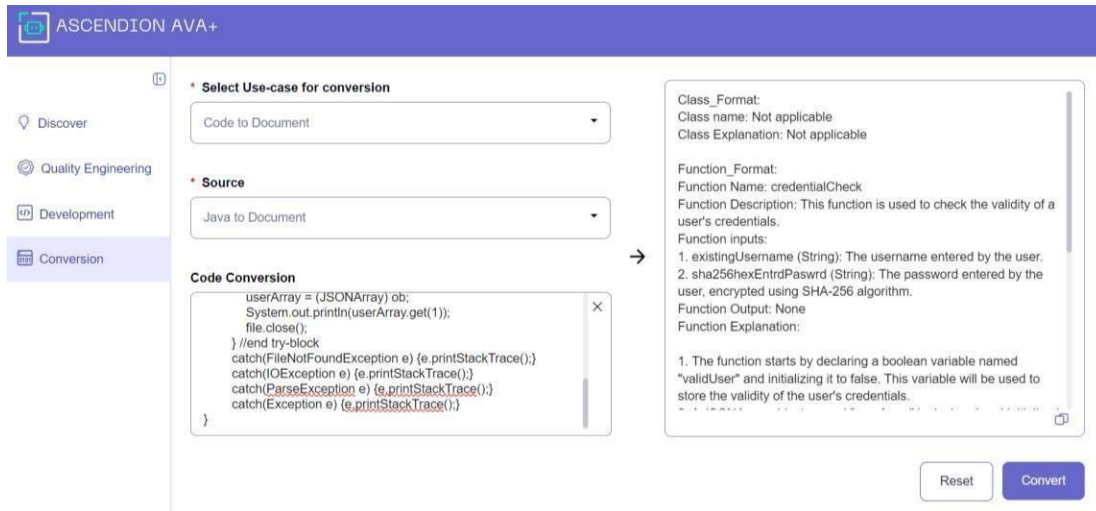
2) Code to Document

1. From the provided dropdown menu, select the "Code to Document" option.
2. Choose the appropriate source language from the designated dropdown.



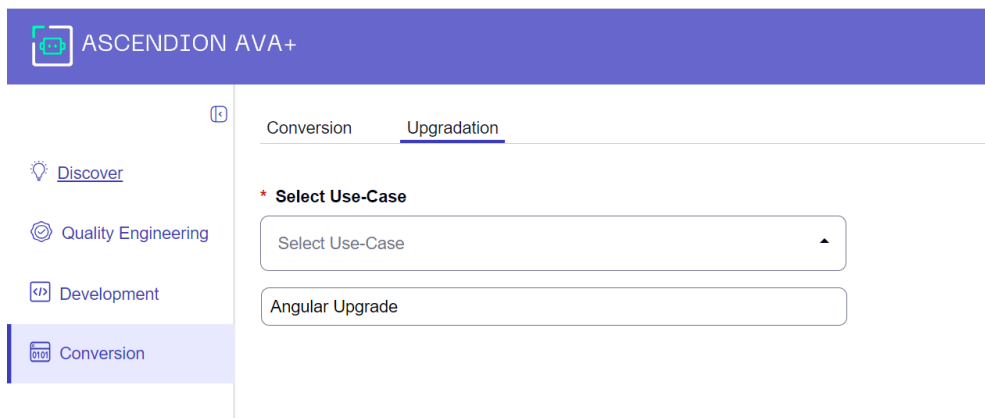
3. In the provided code box, paste or enter the code that needs to be documented.
4. Once the code is ready, click the "Convert" button to initiate the documentation process.

- After successful conversion, the generated documentation will be displayed, allowing you to copy and utilize it as required.



B. Upgradation

- From the left navigation panel, select the "Conversion" option. Once you have accessed the Conversion Module, navigate to the "Upgradation" tab.



- Under the Upgradation tab, choose the "Angular Upgrade" use case to convert Angular code by uploading a ZIP file. Specify the desired version upgrade, for example, from version 11 to version 17, or from version 5 to version 17.

ASCENDION AVA+

Conversion Upgrade

Select the Case
Angular Upgrade

Version From
Version From

Version To
Version To

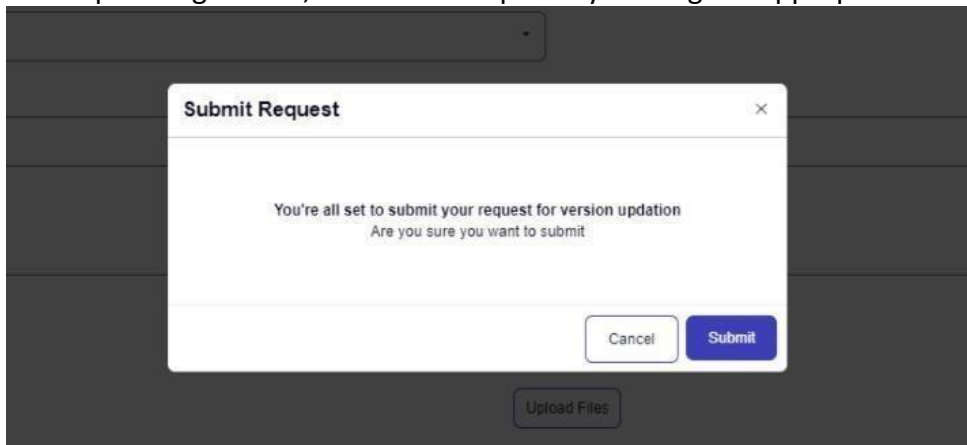
Upload File
Instructions
• Either upload package.json or multiple source files for conversion
Note: .json, .html, .ts, .js

Drag and Drop your File Or Upload File

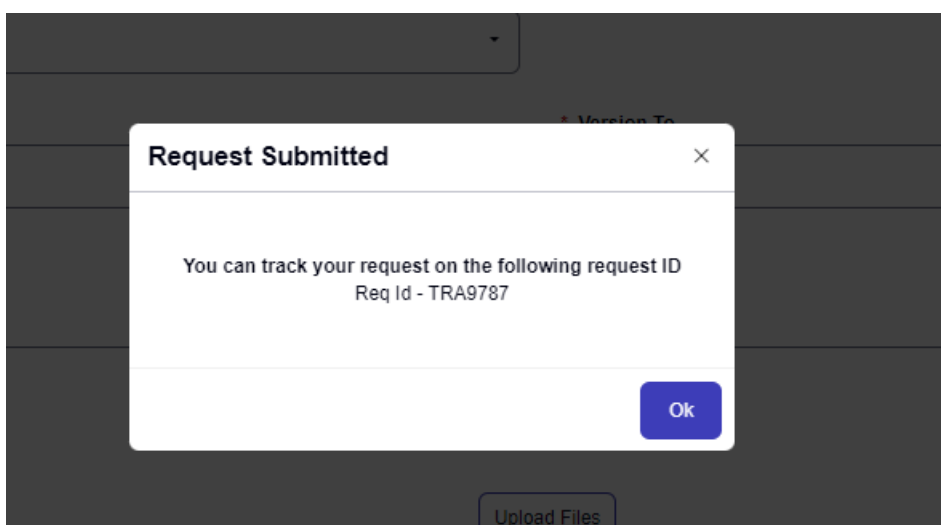
Upload File

Reset Submit

3. Upload the ZIP file containing the Angular code that needs to be upgraded.
4. After uploading the file, submit the request by clicking the appropriate button.



5. Upon submission, a request ID will be generated. Confirm the submission by clicking the "OK" button.



6. Once the conversion process is complete, you can download the updated Angular file by clicking on the "Download" icon under the "Action" column.

E. Ask Me

This section is a free form chat to understand about DA. You can ask about DA features, use cases, architecture and other DA related questions here.

