Release Management User Guide

Release Management version 2.1.1

Abstract

Legal Notices

Table of Contents

List of Figures

List of Tables

Chapter 1. Getting started

You need to link your source code management and project management tools to `Release Management`. This section provides information on how to connect the tools from the Source Control Settings menu.

Prerequisites

- `Release Management` must already be deployed

  If the following URL https://planner.accelerite.com/ takes you to the login page, `Release Management` is deployed.

  If not deployed, get in touch with your administrator or refer to the `Release Management` Installation Guide.

- A source code management tool

  Currently, only GitHub (Cloud) and enterprise-level private repositories (not public) are supported.

- A project management tool

  Currently, only Jira (Cloud) is supported.

  Note

  If you do not have one, you can proceed with only your source code management tool. However, `Release Management` works best when you have both, the source code management and the project management tools.

- `Release Management` credentials

  If you need to sign up, get in touch with your administrator or SASVA Support for your credentials.

Source Control settings

This tab has two sections: Source Control and Global Configuration. The Global Configuration section is visible only to administrators.

The Source Control tab is further divided into two sections: Source control management and Project management.

Source control management

1. Go to https://planner.accelerite.com/ and login with your `Release Management` credentials.
2. Go to the Source Control Settings+Source Control tab and expand the Source control management section.
3. Go to the GitHub (Cloud) tab and click Add GitHub (Cloud).

   The Add GitHub (Cloud) window opens.

   Currently, `Release Management` supports only GitHub Cloud and enterprise-level private repositories (not public).
4. Specify the following parameters:

1. Connection name: Name for the GitHub connection.
2. API endpoint: API URL of your GitHub repository.
3. Personal token access: Token details to access your GitHub repository.

5. Click Submit to save the configuration.

   On successful configuration of the GitHub, the newly added repository appears in the list of connections.

6. For editing or deleting a connection, go to the Actions column against the particular connection, click the ellipses (...) and select the desired option.

Project management

1. Go to the Source Control Settings+Source Control tab and expand the Project management section.
2. In the Jira (Cloud) tab, click Add Jira (Cloud).

   The Add Jira (Cloud) window opens.

   Currently, `Release Management` supports only Jira (Cloud).

3. Specify the following parameters:
   1. Connection name: Name the Jira connection
   2. API endpoint: API URL of your Jira project
   3. Username: Your Jira username (registered email ID)
   4. Access token: Token details to access your Jira project
   5. (Optional) Username 2: Alternate Jira username to work around HTML 429 error of exceeding rate limits
   6. (Optional) Access token 2: Token details for username 2 to access your Jira project
4. Click Submit to save the configuration.

   After Jira is configured successfully, the newly added project appears in the list of connections.

5. For editing or deleting a connection, go to the Actions column against the particular connection, click the ellipses (...) and select the desired option.

Global Configuration settings

Visible only to Administrators.

This tab displays a table with the following columns:

- ID: Serial number of the entry
- Category: Name of the category

  Available drop-down values: All the following values

  - `UI` (user interface): Currently, has some predefined keys in the system

  - `ML` (machine learning): Currently not supported; can be part of an enhancement later on
  - `Backend`: Currently not supported; can be part of an enhancement later on
- Key: Currently predefined keys in the system to configure some features:
  - `RELEASE_CONNECT_WITH_SOURCE_CODE_REPOSITORY`
  - `RELEASE_CONNECT_WITH_PROJECT_MANAGEMENT`
  - `RELEASE_QnA_MAX_QUESTION_LIMIT`
  - `RELEASE_QnA_SHOW_VIEW_BUTTON_QUESTION_AT`
  - `RELEASE_AGENT_MAX_USERS_SELECT_LIMIT`
- Value Type: Type of the value

  Available drop-down values: `String`, `Number`, `Boolean`, `Range`, `Date`
- Value:

  Applicable values:
  - For `String` and `Number`, it's a text box.
  - For `Boolean`, it's a radio button with **True** and **False** options.
  - For `Range`, there are two text boxes to specify the **From** and **To** values.
  - For `Date`, it's a text box for entering a date in `MM/DD/YYYY` format or you can select the date by clicking the calendar icon.
- Description: Predefined description of the function of the 'key' in the Key column.

  Currently predefined descriptions of the *keys*:
  - Create release plan enable option connect with source code repository
  - Create release plan enable option connect with project management
  - Create release plan QnA max question limit
  - Create release plan QnA show view button question at
  - Create release plan agent max users select limit
- Actions: Currently not supported; can be part of an enhancement later on. Option to add or delete a specific entry

Chapter 2. Manage users

This section provides a detailed description of each user role within `Release Management`, outlining their specific permissions and how they interact with each other.

Table 2.1. Roles and Permissions

User Role	Edit or Delete User	Create or Manage Releases	Release Management Dashboard	Configuration Settings
Super Admin	Yes	No	No	Yes
Admin	Yes	Yes	Yes	Yes
Manager	No	Yes	Yes	Yes
Developer	No	No	Yes	No
Reporter	No	No	Yes	No

Super Admin

A Super Admin has the highest level of access and control. This role is created during deployment of `Release Management`. A Super Admin has a dedicated dashboard and has the following privileges:

- Creating and managing tenants (Admins)
- Managing and configuring the software parameters

Admin

An Admin can access the `Release Management` dashboard and has the following privileges:

- Managing user accounts
- Configuring the software settings
- Creating and managing releases

Manager

A Manager can access the `Release Management` dashboard and has the following privileges:

- Creating and managing releases
- Configuring the software settings

Developer

A Developer can access the `Release Management` dashboard and has the following privileges:

- Checking status of projects
- Viewing assigned tasks and its status

Reporter

A Reporter can only generate, view, and download reports from the `Release Management` dashboard.

Dashboard

Adding Admin users

Only Super Admins can add Admin users.

Prerequisite: Get the `addUsersFromBackend.bat` script from SASVA Admin.

1. Log into `Release Management` with Super Admin credentials.
2. On the browser, access the Developer tools.
3. From the Name column select all > Headers and copy the value from the Authorization token attribute.
4. Run the `addUsersFromBackend.bat` script after filling in the necessary details as follows:
    a. Open the script in a text editor.
    b. Add the user's first name, last name, email, password, and authorization token copied from Step 3 in the field firstname, lastname, email, password, and token respectively.
    c. Save and run the script.
5. Repeat Step 4 for each user you want to add.

Updating passwords

Updating the password for the current users is manual process.

Prerequisite: Get the `updatePassword.bat` script from SASVA Admin.

1. Login with Super Admin credentials.
2. On the browser, access the Developer tools.
3. From the Name Column select all > Headers and copy the value from the Authorization token attribute.
4. Open the script in a text editor.
5. Add the user's first name, last name, email, password, and authorization token copied from Step 3 in the field firstname, lastname, email, password, and token respectively.
6. Save and run the script.

    This will update the password for the user.

Adding non-Admin users

Admins can add users with other roles.

1. Login with Admin credentials.
2. Go to the Manage Users tab.
3. Click Add Users. A pop-up window opens.
4. Fill in the following:
    - First Name: First Name of the user
    - Last Name: Last name of the user

- Email: Email address of the user
- Phone: Phone number of the user
- Role: Role of the user from the drop-down list

5. Click Submit.

Updating a user

1. Login with Admin credentials.
2. Go to the Manage Users tab.
3. Choose the account name for which you wish to edit the details.

   You can use the search option to search for the user.
4. In the Actions column, click the ellipses (...) and select Edit.
5. Update the user details and click Submit to save the details.

Deleting a user

1. Login with Admin credentials.
2. Go to the Manage Users tab.
3. Choose the account name for which you wish to delete the details.

   You can use the search option to search for the user.
4. In the Actions column, click the ellipses (...) and select Delete.
5. Click Confirm to delete the user from the manage user list.

Activating / Deactivating a user account

Admins can activate or deactivate user accounts.

1. Login with Admin credentials.
2. Go to the Manage Users tab.
3. Choose the account name for which you wish to delete the details.

   You can use the search option to search for the user.
4. Toggle the Is Active button to activate or deactivate a user.

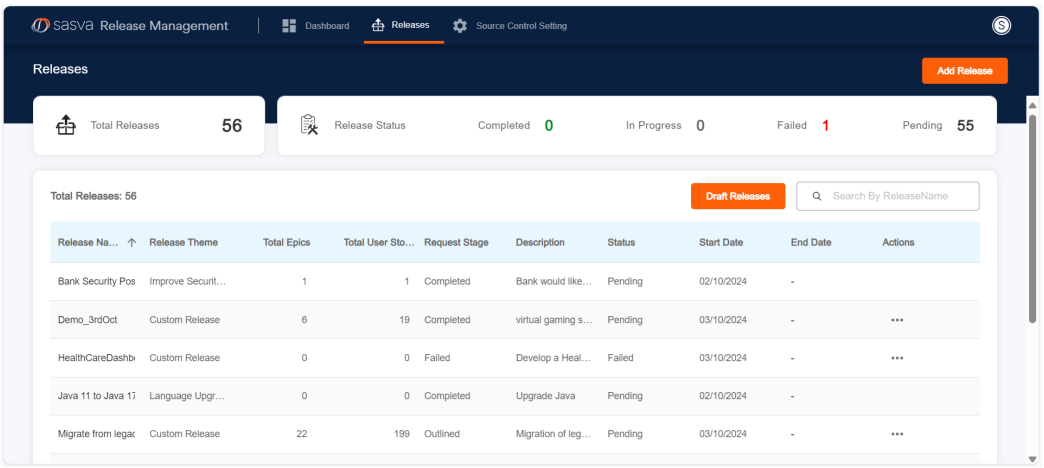
   You receive a notification for the confirmation.

Chapter 3. Releases tab

The Releases tab displays a summary of your existing releases in the form of following cards:

- Total Releases: Displays the total number of releases
- Release Status: Displays a number categorized as per the status - `Completed`, `In Progress`, `Failed`, `Pending`

Figure 3.1. Release dashboard



You can use the Search box to search for a release by it's name.

The window also displays a list of all the releases and its details in a table with the following columns:

- Release Name: Name of the release
- Release Theme: Theme selected for the release

  Available options: `Custom Theme`, `Improve Security Posture`, `Language Upgrade`
- Total Epics: Total number of epics in the release
- Total User Stories: Total number of user stories in the release
- Request Stage: The current stage of the release

  Applicable stages: `Outlined`, `Completed`, `Failed`
- Description: Short description about the release
- Status: The current status of the release

  Applicable statuses: `Outlined`, `Completed`, `Failed`
- Start Date: Start date of the release
- End Date: End date of the release
- Actions: Actions you can perform on a particular release entry

  Applicable actions:

  For releases in **Failed** request stage and status:

  - `Retry publishing release`

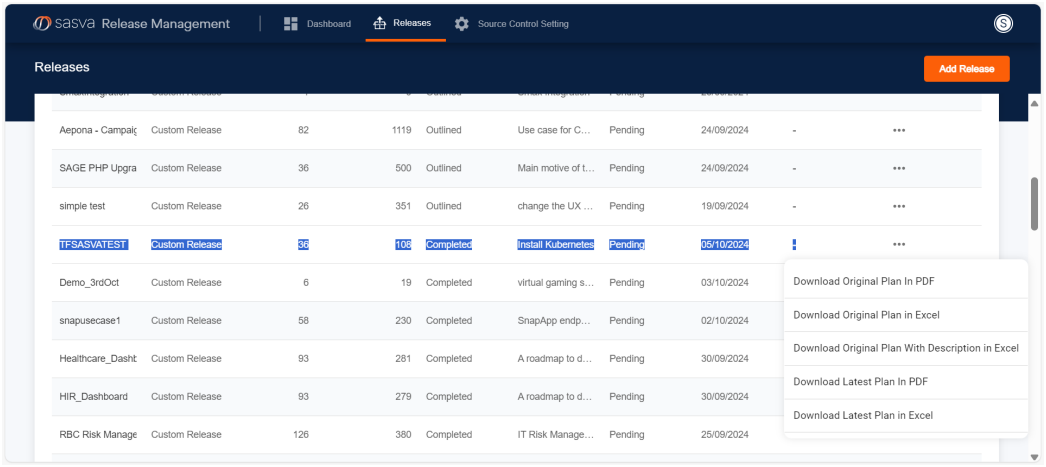
- Download original plan in PDF
- Download original plan in Excel
- Download original plan with description in Excel

For releases in **Outlined** request stage and **Pending** status:

- Edit release
- Download original plan in PDF
- Download original plan in Excel
- Download original with description in Excel

For releases in **Completed** request stage and **Pending** status:

Figure 3.2. Action options

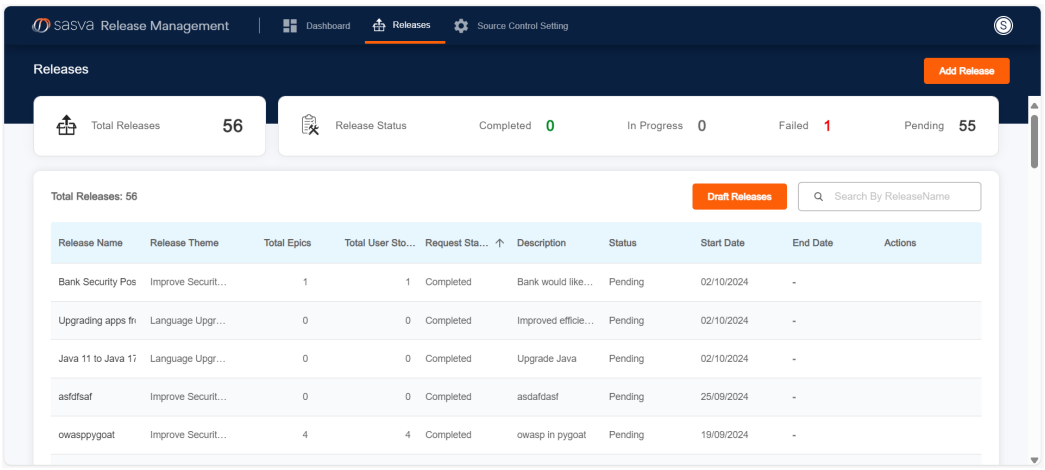


- Edit release
- Download original plan in PDF
- Download original plan in Excel
- Download original with description in Excel
- Download latest plan in PDF
- Download latest plan in Excel

Note

You cannot perform any of the aforementioned actions on some releases that are in **Completed** request stage and **Pending** status.

Figure 3.3. No Action options



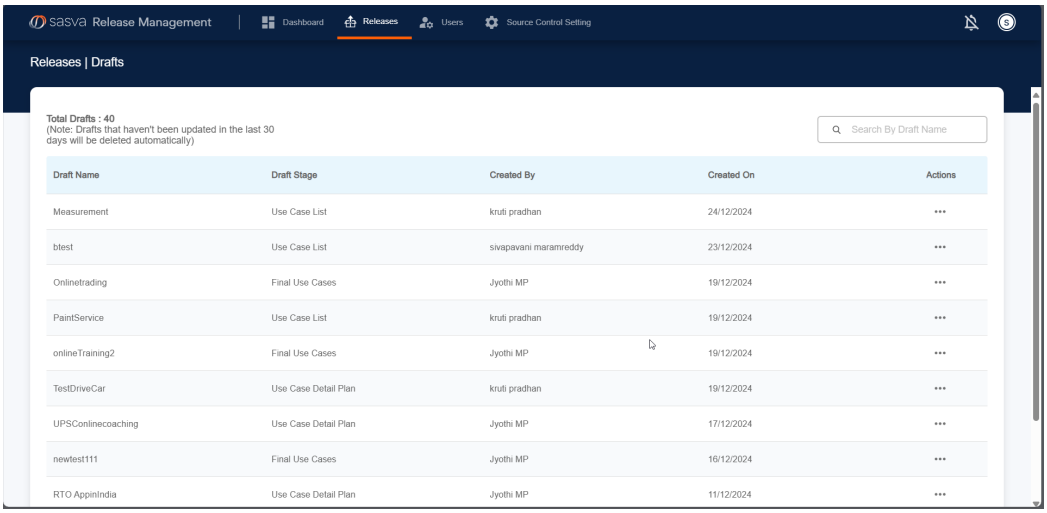
For releases in **Completed** request stage and **Failed** status:

- `Retry publishing release`
- `Edit release`
- `Download original plan in PDF`
- `Download original plan in Excel`
- `Download original with description in Excel`
- `Download latest plan in PDF`
- `Download latest plan in Excel`

Draft releases

You can access releases that were not submitted successfully or were only saved up to a particular stage of the workflow by clicking the Draft Releases button on the dashboard.

Figure 3.4. Draft releases



- Choose the draft on which you want work on and continue

Release details

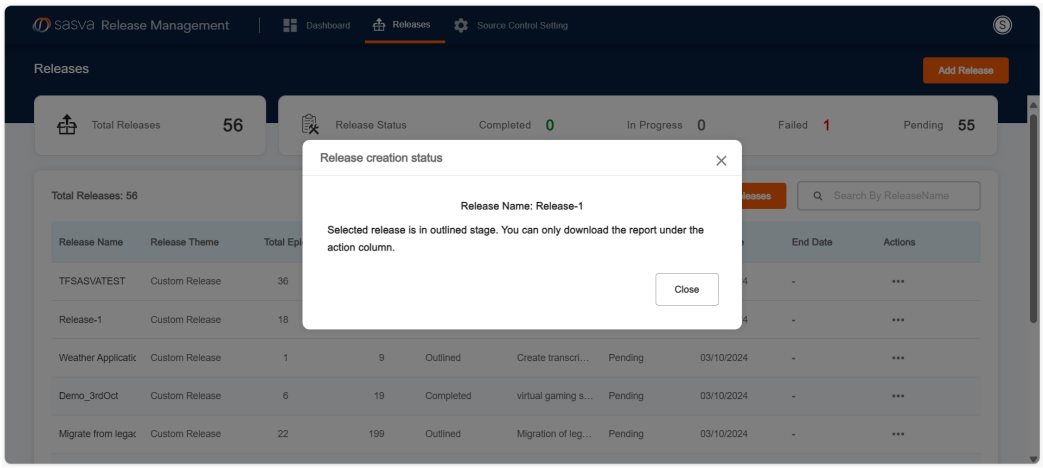
You can check details of a particular release by clicking the respective release name.

You can either select a release by clicking on it from the list of releases on the releases dashboard or search for it and then click the release name.

Note

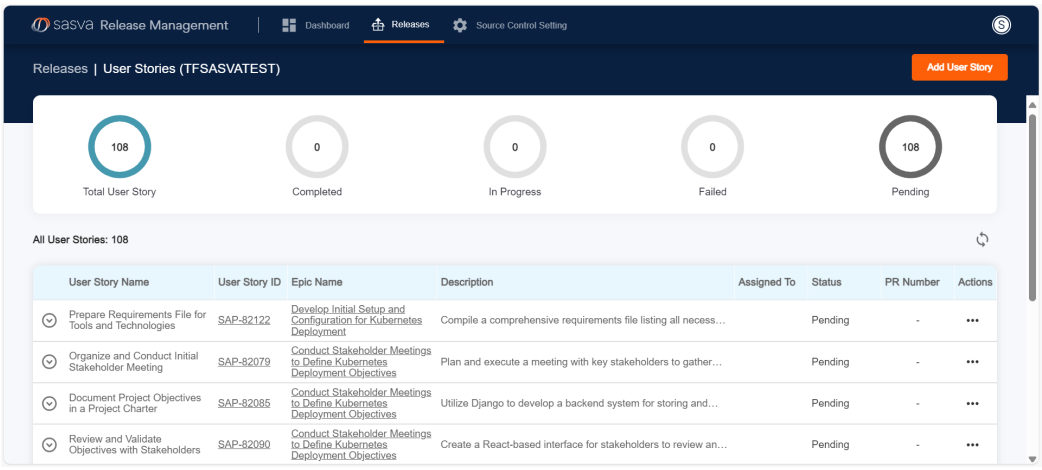
If a release is in **Outlined** request state, you cannot check any details.

Figure 3.5. Outlined release shows no details



The top section of the window shows the total number of user stories and the segregated number of stories as per their status of completion: Completed, In Progress, and Failed.

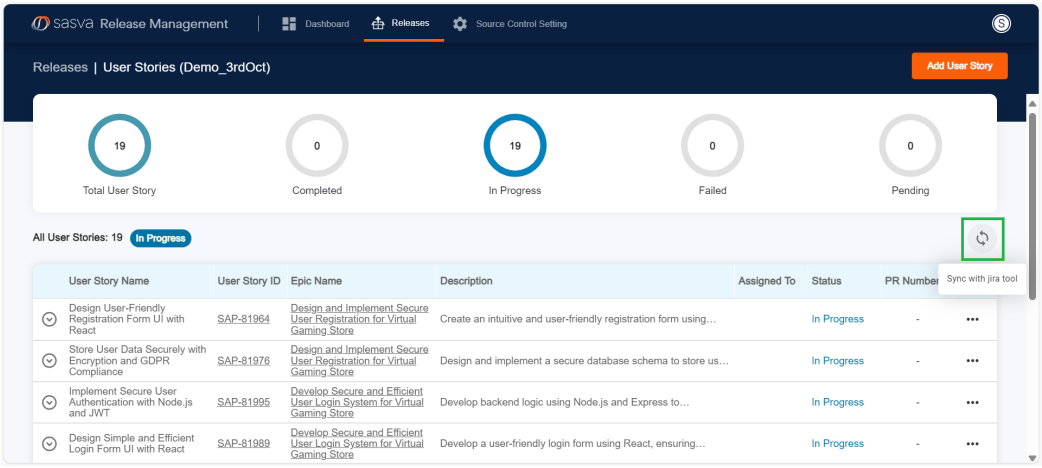
Figure 3.6. Release details



All the cards are clickable and show up details of the filtered user stories as per their statuses.

To refresh or sync the data with your project management tool, click the Sync with Jira tool icon.

Figure 3.7. Release details filtered



Right after the summary cards, the window shows a table with the following columns:

- User Story Name: Name of the user story

  You can expand every user story entry to see further details as follows:

  - Sub Task: Name of the sub task
  - Jira ID: Associated Jira ID (hyperlinked)
  - Epic Name: Name of the epic
  - Description: Description of the sub task
  - Assigned To: Assignee of the sub task
  - Current Stage: Current stage of the sub task
  - State: Current state of the sub task
  - PR ID: Pull request ID associated with the sub task
  - Actions: Actions you can perform on this sub task
- User Story ID: ID of the user story
- Epic Name: Name of the epic
- Description: Description of the user story
- Assigned To: Assignee of the user story
- Status: Status of the user story
- PR Number: Pull request number associated with the user story
- Actions: Options to view or edit details of this user story

Chapter 4. Release themes

Themes allows you to perform various tasks that the `Release Management` ecosystems offers.

Currently, there are three types of release themes: Custom Release and Improve Security Posture.

Custom Release

The Custom Release theme showcases how SASVA can simplify and streamline the ideation to release journey. In an interactive mode, describe your requirement in a few lines and generate a detailed release plan for your teams to execute.

- Generate use cases relevant to identified theme
- Allow customers to review and edit the auto-generated use cases
- Provide tech stack recommendation for implementation of the custom theme
- Generate an optimized and detailed release plan including epics, user stories and tasks for the identified theme
- Allow customers to review and edit the release plan as needed to ensure it meets the requirement
- Show tasks assigned to developers, for work that may need manual effort

Improve Security Posture

The Improve Security Posture theme detects and upgrades vulnerable versions of open-source libraries in your project. Remove third-party software dependencies and suggest the most compatible upgrade path for your code base.

- Scans third-party library inventory
- Finds security vulnerabilities
- Provides recommendations to improve software posture
- Shows detailed breakdown of tasks assigned to SASVA Bot for automated execution
- Enables assisted error-fixing with SASVA AI models

Chapter 5. Adding a release

After you have configured all the connectors, you can create releases using one of the following themes for a release: Custom Release and Improve Security Posture.

On the dashboard, click Add Release to start creating a release.

Custom Release

Custom Theme is the default theme. This theme helps you create an end to end release plan with some prompts from you. You need to describe your requirement in a few lines and `Release Management` generates a detailed plan that you can customize and update.

Adding release involves providing basic details, building use cases, generating project details, and executing the project in the project management tool.

Basic details

1. To create a release plan, specify the following:
   - Release Name: Name for the release
   - Description: Description for the release
   - (Optional) Source code repository and Project management tool: If you prefer not to publish your release plan to Jira, you can defer it by opting out. Unpublished releases will be shown outlined in the release listing page.
2. Select Source Code Repository to connect your code repository.

   The Create new Repository and Branch toggle button is enabled. Do not change it.

   (It is possible to pick an existing repository and branch to work on; however, since this document provides information only on how to create a release plan, do not toggle this button.)

   - Specify the following:
     - Source Version URL: Select the appropriate connector name
     - Repository Name: Name for the repository
     - Branch Name: This field is disabled. Since this is a new release, the default branch is `main`.
     - (Optional) Reviewer Name: Select a reviewer from the list
3. Select Connect with Project Management Tool to connect your project management tool.
   - Specify the following:
     - Project Management URL: Select a connector.
     - Project Name: Select a project (that you have access to).
4. Specify the Developer expertise level.

   You can let this be at the default values. However, updating the percentages helps SASVA project a realistic effort estimation.
5. Click Proceed.

The next section of the workflow is enabled, Build Project Use Cases.

Build project use cases

1. Add a short description of the project and click Build to fetch relevant personae automatically.
2. Define release plan strategy by performing following steps
   a. Adjust the sliders to define team dynamics according to the proficiency levels of the developers involved in the release.

      Click Next.

   b. Select the Technical Stack for your project or check the box to get the SASVA recommended technical stack.

   c. Select the desired Virtual Agents and click Next.

   d. Choose the language style to create the stories and tasks in preferred format and Click Next. The formats are as follows:

      - **Action-Oriented**: Focuses on the specific actions that need to be taken to achieve an objective. This style emphasizes the tasks and the verbs that describe the work that needs to be done. For Example: Integrate and configure an AI-based recommendation system to provide personalized suggestions for users.
      - **Outcome-Focused**: Emphasizes the end goal or result of the action. This style focuses on the intended impact of completing the task, highlighting the value or benefit derived from it. For Example: Enhance the user experience by providing personalized content recommendations through AI-based integration.
      - **Stakeholder-Centric**: Centers on the needs and perspectives of stakeholders, highlighting the benefits for specific groups or individuals. It emphasizes how the task aligns with stakeholder interests. For Example: As a product manager, I want to integrate an AI-based recommendation system to deliver personalized user experiences, increasing user engagement.
      - **Compliance-Driven**: Centers around meeting regulatory, security, or organizational requirements. This style emphasizes alignment with standards and legal or compliance needs. For Example: Implement AI-based recommendation systems to enhance personalization while adhering to privacy regulations, such as GDPR, and ensuring data security.
      - **Functional Requirement**: Describes the required functionality or behavior of the system. This style focuses on what the system should do or how it should perform. For Example: The system shall integrate an AI-based recommendation engine to provide real-time, personalized suggestions based on user preferences and behavior.

   e. Choose the approach for the release creation and click Continue to fetch questions that help to generate use cases automatically. Check appropriate options as per requirement. Refer to the following Approach Selection table to make the perfect choice based on your requirements.

Level Of Details	Use Case		Use Agent Level	DeDup Level	Epic		Story		Task	
	Min	Max			Min	Max	Min	Max	Min	Max
High-Level Overview	10	20	No	No	1	2	1	2	2	3

Level Of Details	Use Case		Use Agent Level	DeDup Level	Epic		Story		Task	
	Min	Max			Min	Max	Min	Max	Min	Max
Concise and Focus	12	25	No	No	2	3	2	3	3	4
Balanced Approach	15	30	Yes	Yes	2	3	3	4	3	4
Details with Key Metrics	18	35	Yes	Yes	2	3	3	4	4	5
Comprehensive Breakdown	20	40	Yes	Yes	2	3	4	5	5	6
Exhaustive and Technical	25	40	Yes	Yes	3	4	4	5	6	7

The Use Case Questionnaire section opens.

3. Select appropriate answers to the questions and click View Use Cases when the button is enabled.

   A list of use cases is displayed.

Edit use cases

1. Review the generated detailed use cases.
2. To edit the details click Edit Use Case
   a. Enter regeneration instructions and click RE-GENERATE DETAILS to generate a new suggestion or input instructions manually.
   b. Click SAVE.
3. Click the Remove the use case to delete the irrelevant usecases from the list.
4. You can save the current progress as a draft by clicking Save Progress.
5. Click Generate Details to generate the detailed plan.

Update use case details

After the use case details are generated, you can expand each use case and review the detailed steps:

1. Expand individual use cases and review the detailed steps. To edit the details click Edit Use Case .
2. Enter regeneration instructions and click RE-GENERATE DETAILS to generate a new suggestion or input instructions manually and click SAVE.
3. Based on the use case `Release Management` recommends the technology stack for a use case. You can choose the technology stack by clicking Technology Stack Recommendation.
   a. Choose the technology stack from the options alternatively, you can check the Customize Technology Stack check-box to choose technology of your choice.
   b. Select the details as follows:
      - Language: Select the development language for the custom technology stack from the drop-down.

- User Interface: Select the user interface technology for custom technology stack from the drop-down.
- Backend: Select the backend technology for the custom technology stack from the drop-down.
- Authentication: Select the authentication method for the custom technology stack from the drop-down.
- Unit Test: Select the unit test technology for the custom technology stack from the drop-down.

c. Click SAVE to store details.

4. Once all the details are reviewed, click Generate Project Plan to generate the plan.

   This starts creating the detailed project plan for the project.

Project plan preview

This section is divided into two parts: preview and execution.

Preview

The preview project plan shows the detailed plan with the timelines. The plan shows the number of days required to execute the plan with and without SASVA ecosystem along with a detailed description of epics, stories, and associated tasks for each use case. The descriptions contain test cases, acceptance criteria and technical execution steps. You can customize each of these items and assign them to users.

Based on the scope of the task, story, or epic, work items are categorized into three groups: technical, functional, and both. You can filter them using radio buttons under each use case.

The default view for the project is Details View, you can change the view for project plan by clicking List view or Tree View.

1. Select a user from the list of Assign all tasks to a user field to assign all the tasks to a single user or expand the epic, stories or task to assign them to particular user by clicking Assigned To field.

   Once assigned, you can change the user by going to the Actions column and clicking the + icon against each use case in the list.

2. (Optional) Create an epic by specifying the following:

   a. Add the title, description, and manual effort.

   b. Click Save to create the epic.

      Or, click Add More to add more epics.

3. To change the assignees, expand a use case and go a user story.
4. In the Assigned To column, select the desired assignee from the list.
5. Click Proceed.

   The interface changes from Project Plan Preview to Project Plan.

Execution

In this section, you can view the following cards:

- Epics: Number of epics created
- User Stories: Number of user stories created
- Tasks: Number of tasks created
- Total Effort without SASVA: Effort in days
- Total Effort with SASVA: Effort in days

You can export the plan in two formats by clicking Export Plan: PDF and Excel.

The interface also displays the use cases and its details in a table, along with the actions you can perform on them.

Expand a use case to view the following table that drills down as follows: Epics > User Stories > Tasks, when you expand the internal sections.

Epics	Description	Effort without SASVA (days)	Effort with SASVA (days)

User Stories	Description	Effort without SASVA (days)	Effort with SASVA (days)	Assigned To

Tasks	Description	Effort without SASVA (days)	Effort with SASVA (days)	Expertise Level	Assigned To

1. Click Publish Release to publish the release plan.

   The release creation status window appears.

2. Wait till the process is complete. The three stages of progress that are displayed on the window are as follows:

   - Stage 1: Release plan setup in SASVA
   - Stage 2: Jira plan creation
   - Stage 3: Persisting Jira details in SASVA

   Or, close the pop-up window to go back to the main dashboard on the Releases tab immediately.

   The release you added appears in the list of releases. The stage of the release is shown in the Request Stage column and the status is shown in the Status column.

Improve Security Posture

The Improve Security Posture theme detects and upgrades vulnerable versions of open-source libraries in your project. Remove third-party software dependencies and suggest the most compatible upgrade path for your code base.

Adding release involves providing basic details, determining modules, and generating a list of use cases.

Basic details

1. To create a release plan, specify the following:

   - Release Name: Name for the release

- Sub Release Theme: Select either of the following options:
  - `OSS Staged Upgrade`

    This process evaluates the current stage of the software and dependencies to identify necessary updates and issues. It implements upgrades in incremental stages rather than all at once.
  - `OSS Upgrade`

    Developers can upgrade all the libraries used in a project as a complete set. Any compilation errors that arise during this process will be resolved simultaneously.
- Description: Description for the release

Select either of the following options to proceed further: Connect with Source Code Repository or Connect with Project Management Tool.

2. Specify the following in the Connect with Source Code Repository section:
   - Source Version URL: Select the appropriate connector name
   - Repository URL: Select the appropriate repository
   - Branch Name: Select the appropriate branch name
   - (Optional) Reviewer Name: Select a reviewer from the list

   You can click Fetch Details to proceed further or perform the following step if you want to connect your project management tool, which is recommended.
3. Specify the following in the Connect with Project Management Tool section:

   If you prefer not to publish your release plan to Jira, you can defer it by opting out. Unpublished releases will be shown outlined in the release listing page.
4. Click Fetch Details to proceed to the next section.

   The next section displays the list of modules associated with the selection you made in previous steps and the language of each module.

Modules

The section displays a table with the following columns:

- Modules: List of modules associated with the repository you selected in the previous section
- Language: Language of each module
- Select the appropriate modules from the list and click Fetch Use Case to proceed further.

Use Case list

The section displays a table with the following columns:

- Modules: List of modules associated with the selection you made in previous steps

  You can expand a module by clicking the drop-down arrow icon to view the Sub Release Theme associated with the module. The Sub Release Theme is the same as you selected in the 'Basic details' section.

- Language: Language of each module
- Assigned User Name: A drop-down field with a list of assignees

1. In the Assigned User Name field, select an assignee for the particular module.

   You can select different assignees for the overall module and the sub release theme.

   You have an option to Assign to SASVA Bot User.

2. In the Release Policy section, define the number of vulnerabilities in the following categories that you want to set for the project: Critical, High, Medium, Low.

   The minimum automation percentage is set to 50%.

3. Click Create Release Plan.

   On successful completion, Epics and User Stories are created in your project management tool. For example, in Jira if you linked it in the 'Basic details' section.

Task summary

This section displays the task summary with the total number of Epics and User Stories along with a table with the following columns:

- Jira Name: Name of the Epic created in Jira

  You can expand the Jira Name (Epic) to view the User Stories under the Epic.

- Jira ID: Hyperlinked ID of the automatically created issue in Jira. For example, User Story
- User Name: Email ID of the assignee

Click Go Back to Release Page to view the newly created release in the list of releases on the dashboard in the Releases tab. If you select the release name, you can view its status, details, and edit it too. For more information, refer to Chapter 3, *Releases tab*.

Task assignees are generally Developers. They can use the SASVA extension or plugin in their source-code editor. For example, Visual Studio Code. For more information, refer to `SASVA Extension for Visual Studio Code` document.

Chapter 6. Dashboard

The `Release Management` dashboard displays an overview of data of all the existing releases. The dashboard is divided into four sections as follows.

Release by status

This section of the dashboard displays a pie chart with the total number of releases and their current status. The statuses are Completed, In Progress, Pending, and Failed. You can isolate the details by clicking the status. Hover over the different colored parts of the pie chart to see the number of projects in different categories.

Latest 5 releases and Stories count

This section of the dashboard displays a graph with the latest five releases and their number of stories. This chart is divided into two sections:

- **Cards**: Displays the number of the Total Epics, Total Stories, and Total Unassigned Stories
- **Graph**: The x-axis (horizontal axis) shows the names of the latest five releases along with clickable labels of the statuses of stories: Done Stories, Pending Stories, and Unassigned Stories.

  The y-axis (vertical axis) shows number of stories.

  Hover over the bars on the x-axis to see the number of stories in different statuses.

  You can isolate your view based on the status of the stories. The clickable labels along the x-axis act as a toggle button that changes the graph as per your preference of view.

Release types

This section of the dashboard displays a graph. The x-axis (horizontal axis) shows the release types along with clickable labels of the statuses of releases: Completed, In Progress, Pending, and Failed.

The types of releases are the different theme offerings from SASVA, namely Custom Theme, Improve Security Posture, and Language Upgrade.

The y-axis (vertical axis) shows number of releases.

Hover over the bars on the x-axis to see the number of releases in different statuses.

You can isolate your view based on the status of the releases. The clickable labels along the x-axis act as a toggle button that changes the graph as per your preference of view.

User workload across Releases

This section of the dashboard displays a graph that gives an overview of the workload distribution and the progress of tasks per users.

The x-axis (horizontal axis) shows the names of users (assignees) and their task statuses: Total, Completed, and Pending.

For each user, there are three bars to represent the statues. Hover over the bars on the x-axis to see the number of tasks in each status.

The y-axis (vertical axis) shows number of tasks.

You can isolate your view based on the status of the tasks. The clickable labels along the x-axis act as a toggle button that changes the graph as per your preference of view.