inteGREAT**4** TFS

Usecase Step-by-Step Guide

CONTENTS

OVERVIEW

Use Case in Requirements Definition module is used to generate the dynamic model of the system. By using this model, all the stakeholders can identify the relevant goals, and decide which of the system requirements are to be addressed. It also helps identify internal and external factors that should be taken care of.

Users can generate the dynamic model of the system by entering the steps of a particular use case and inteGREAT4TFS models the respective diagram based on the provided narration. Existing diagram can be refreshed if the steps have been updated.

The Use Cases do not exist in isolation. If two Use Cases interact with each other, it can be depicted by calling a Use Case from within another Use Case.
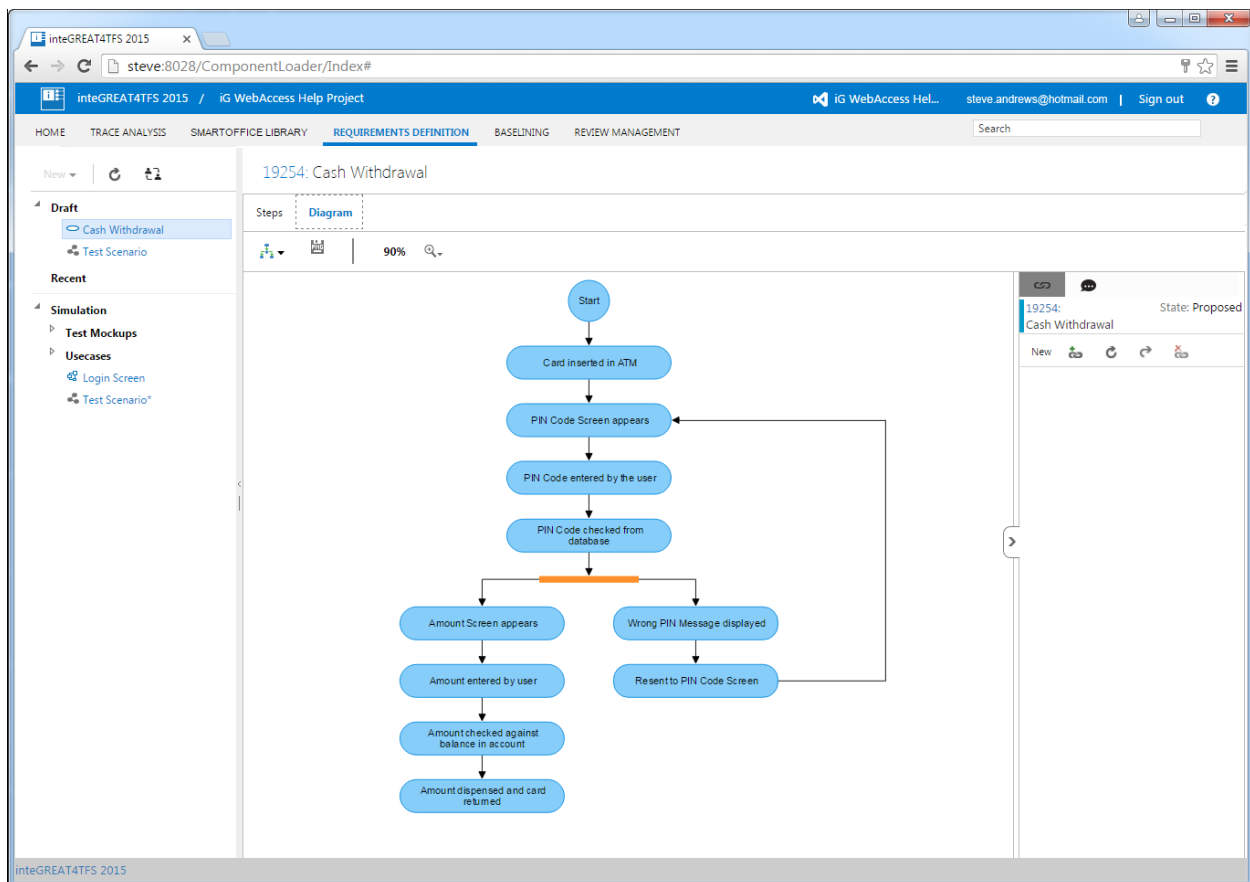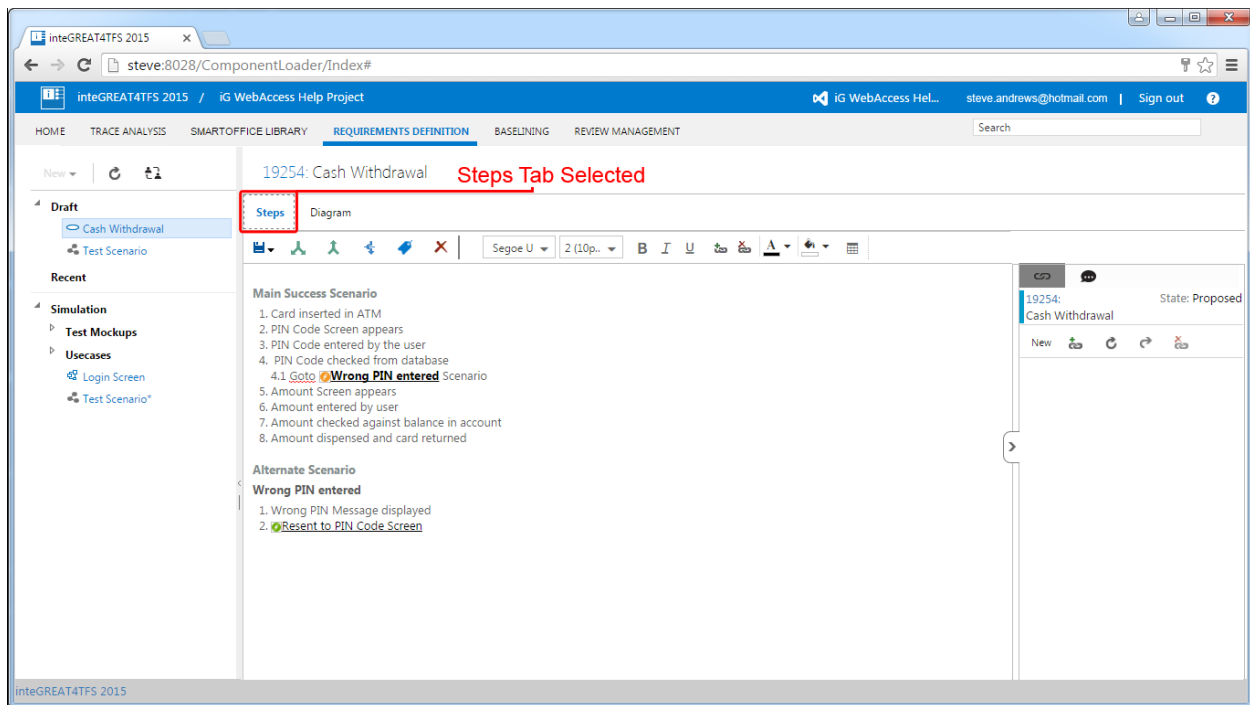

KEY TAKEAWAYS

Individuals will learn how to perform the following tasks from this tutorial:

- Use Case User Interface

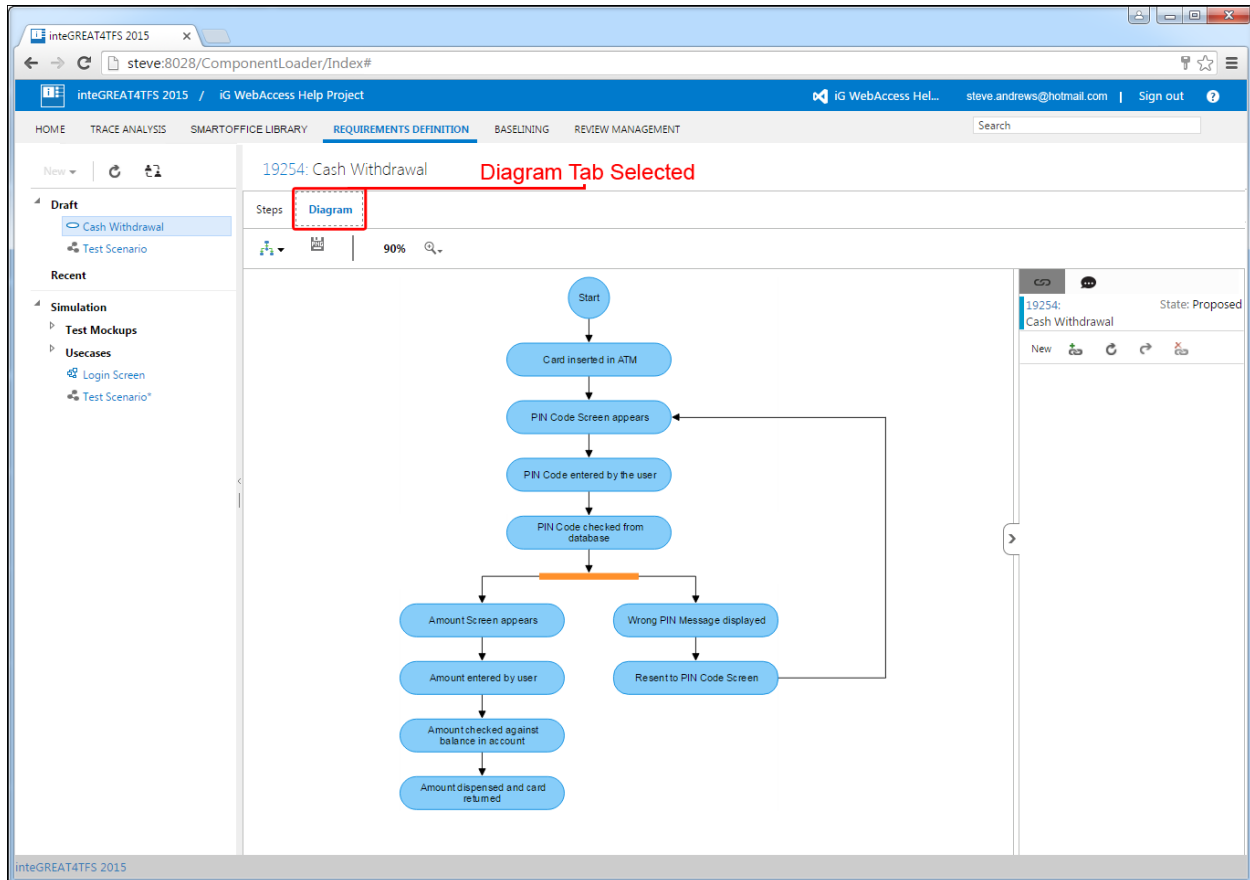- Creating a new Use Case

- Modeling a Use Case

USECASE UI

The User Interface of the Use Case section is divided into two tabs:

- The **Steps** Tab (where users enter the steps):

- The **Diagram** Tab (where inteGREAT4TFS automatically creates the corresponding diagram as per the steps entered by the user).

- Each panel has its own toolbar as described under the respective topic.

STEPS TOOLBAR

💾		Save Options	Save options for the Use Case
		Branch	Creates a branch
		Merge	Merges a branch
		Call Use Case	Calls another Use Case in the current Use Case
✗		**Delete**	Deletes the current statement in the narration
		Smart Tag	Used to add a Smart Tag
Segoe UI ▾		**Font Face**	Used to select desired font face for the text
2 (10... ▾		**Font Size**	Used to select desired font size for the text
B		**Bold**	Used to bold the text

I	**Italic**	Used to italicize the text
U	**Underline**	Used to underline the text
	Insert/Edit Hyperlink	Used to insert or edit a hyperlink
	Delete Hyperlink	Used to delete hyperlink
A	**Font Color**	Used to change the font color
	Font Fill	Used to change the font fill color
	Table	Used to insert a table

DIAGRAM TOOLBAR
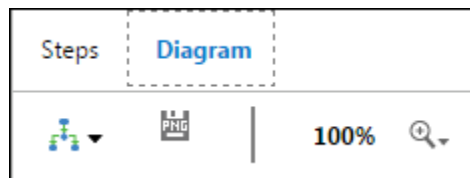
|		
	Color Configuration	Used to select the desired color configuration for the diagram
PNG	**Save as PNG**	Saves the diagram as a .PNG file
100%	**Zoom Percentage**	Show the current zoom percentage ratio
	Zoom Configuration	Used to adjust the zoom level to update the size of the diagram

CREATING A NEW USE CASE

1. Navigate to the folder where the new Use Case is to be created.

2. Click **New → Use Case** options in Folder Explorer.
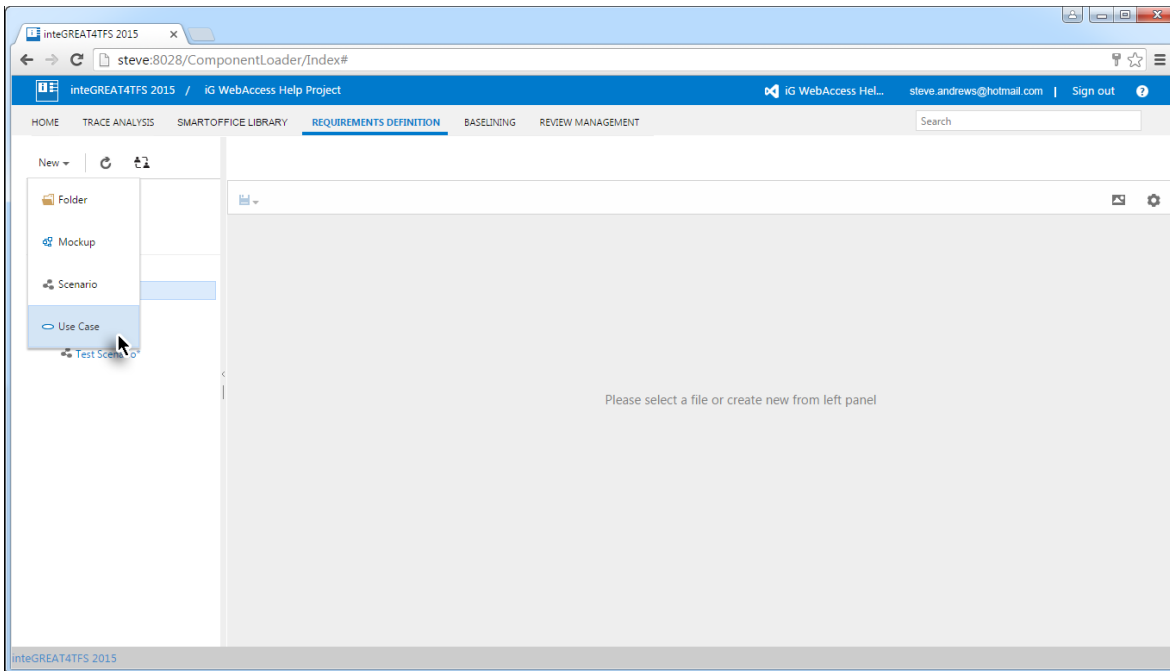
3. Give a suitable name to the use case being created and click the **Create** Button.
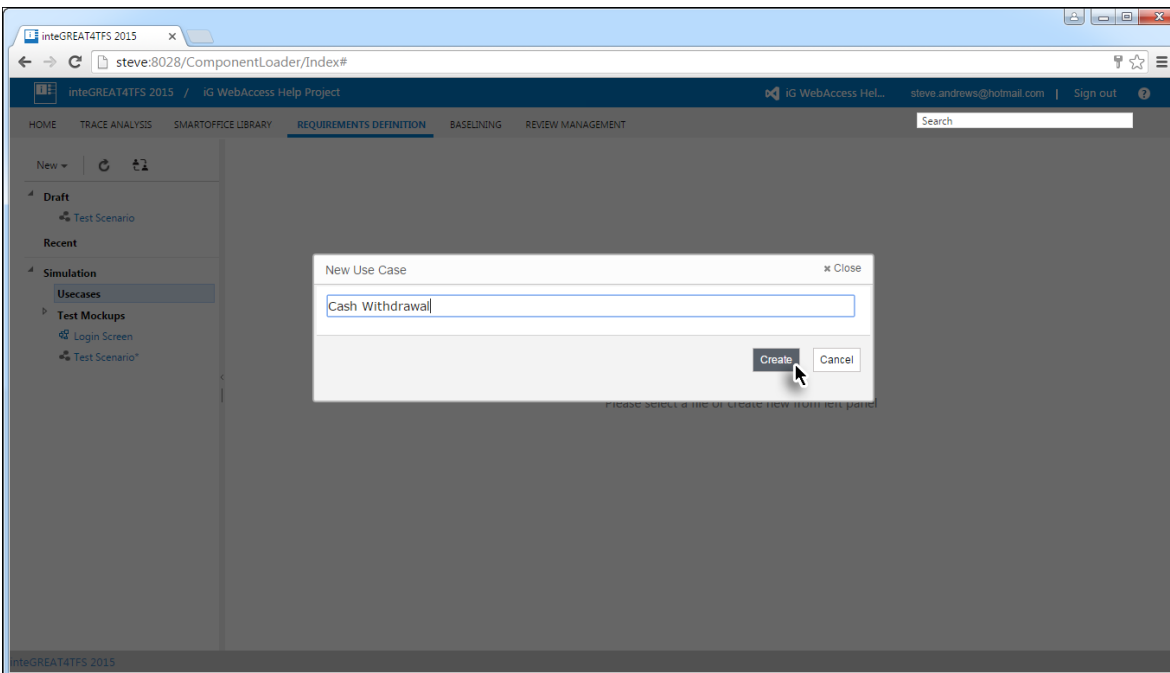
The new use case is created.
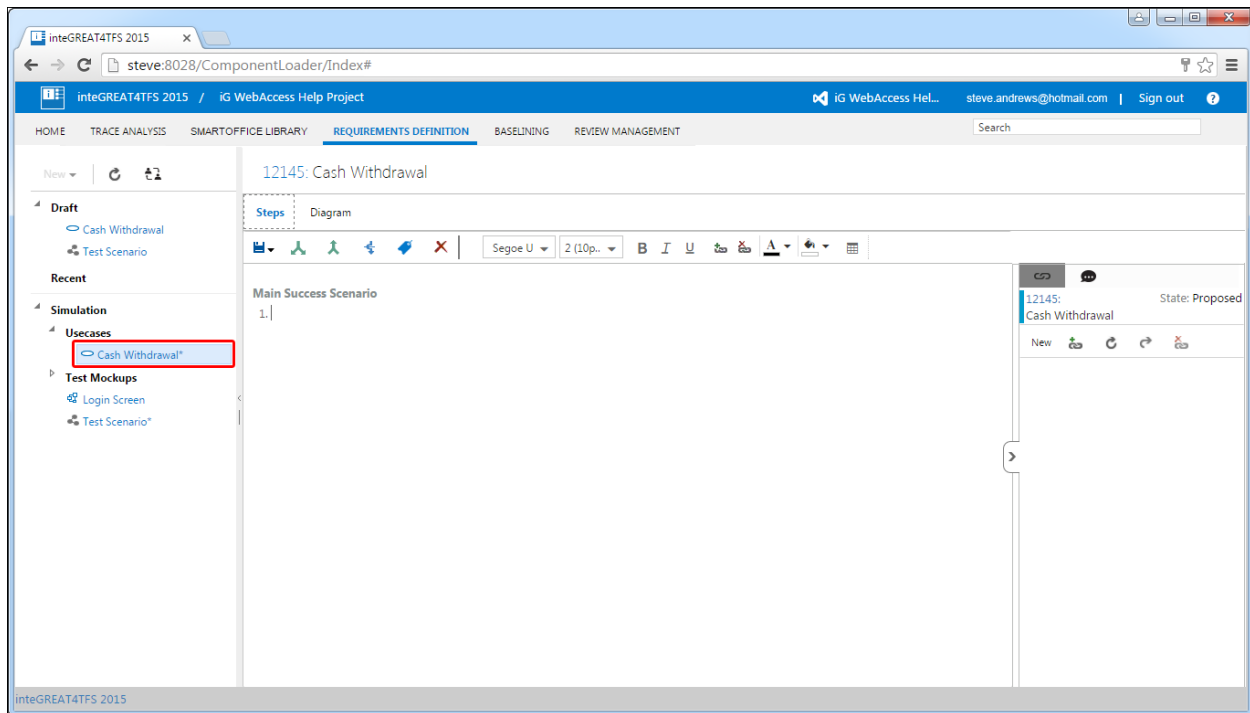
MODELING USE CASE

Modeling Use Case is the process where users narrate the Use Case in text and a relevant shape is generated automatically by inteGREAT4TFS. This shape represent the flow of the process graphically, similar to a scenario.

The difference between a Scenario and Use Case is that in Scenario, user designs the flow using shapes while in Use Case user only enters the textual representation of the process flow and inteGREAT4TFS draws the flow itself.

Modeling the Use Case involves three major areas (each area discussed separately), however all three are essential to model a complete Use Case with the given sequence:

1. Modeling Success Scenario
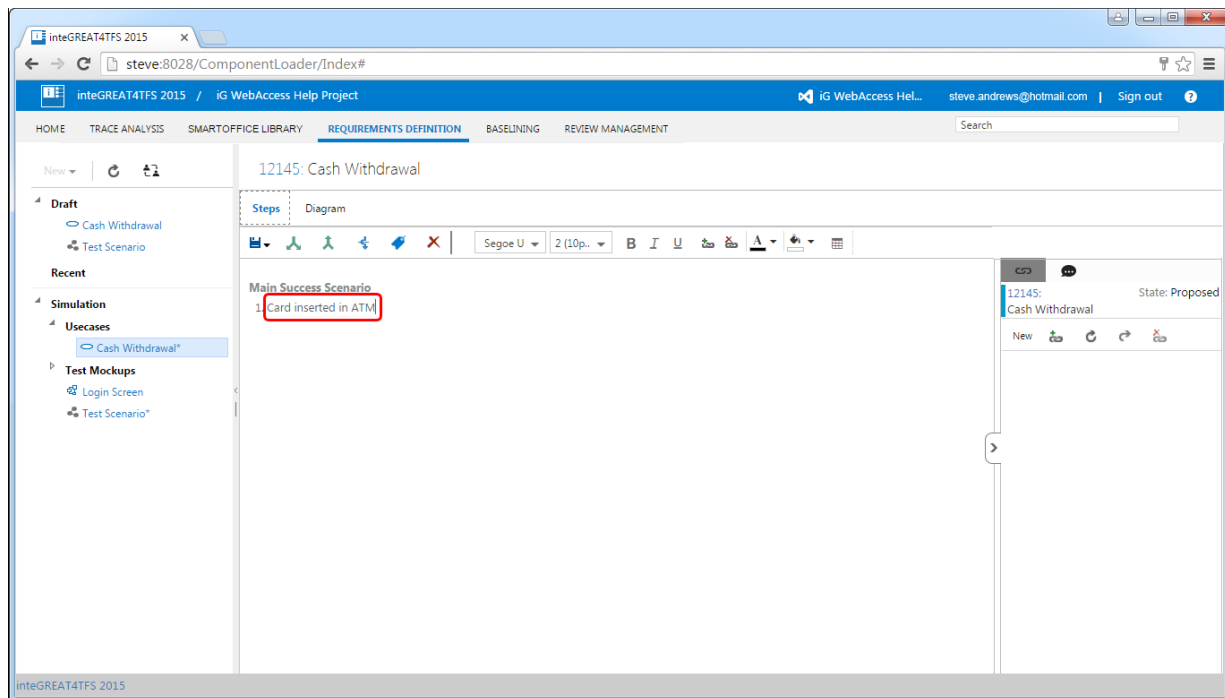2. Modeling Branches
3. Merging Branches

MODELING SUCCESS SCENARIO
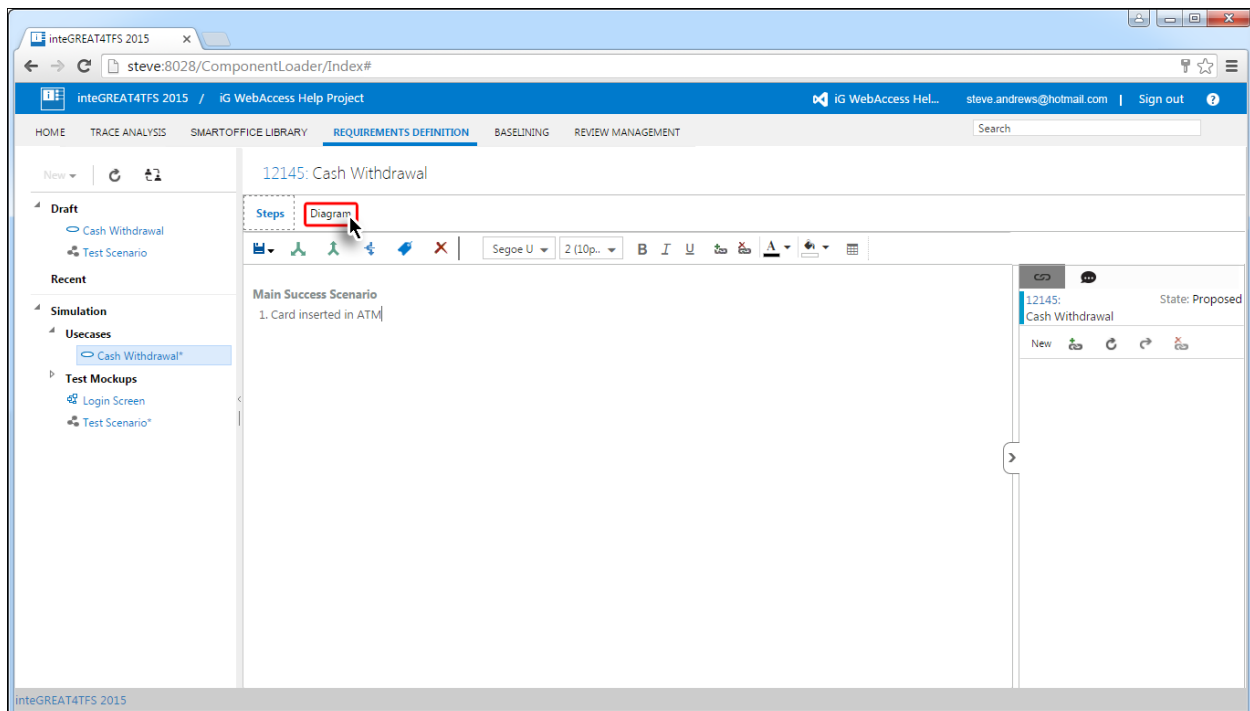
1. Open the desired Use Case using Folder Explorer.
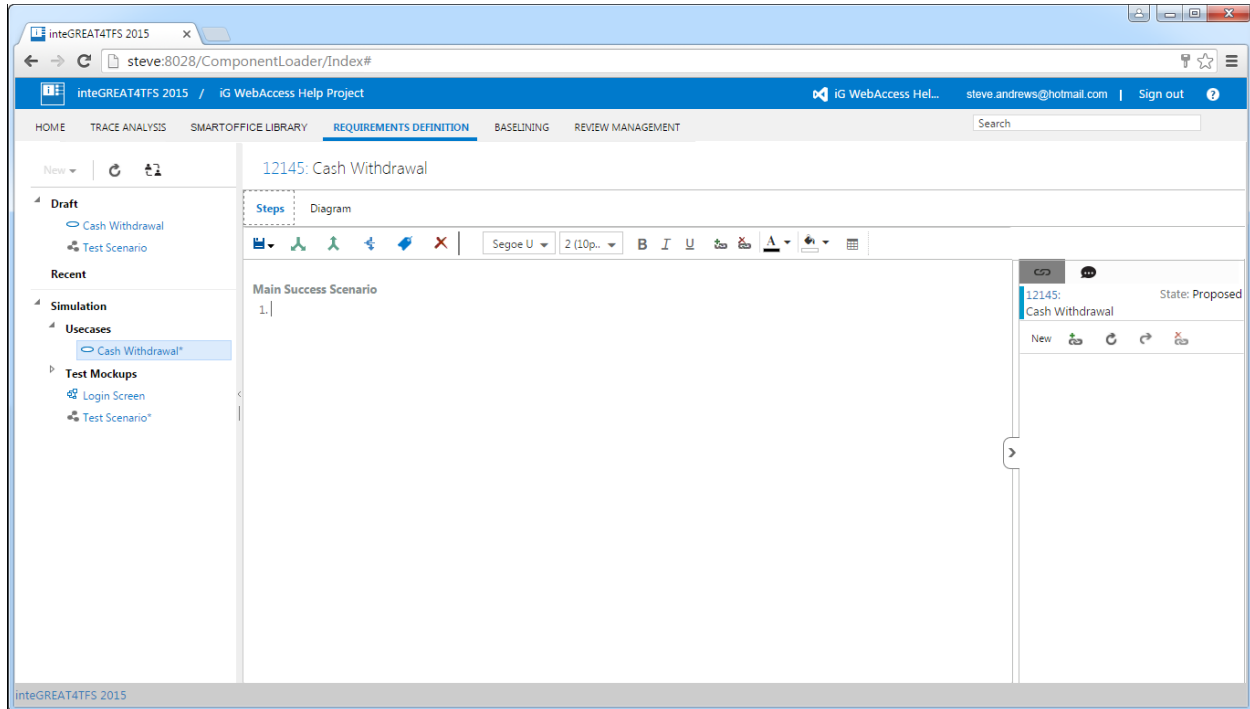
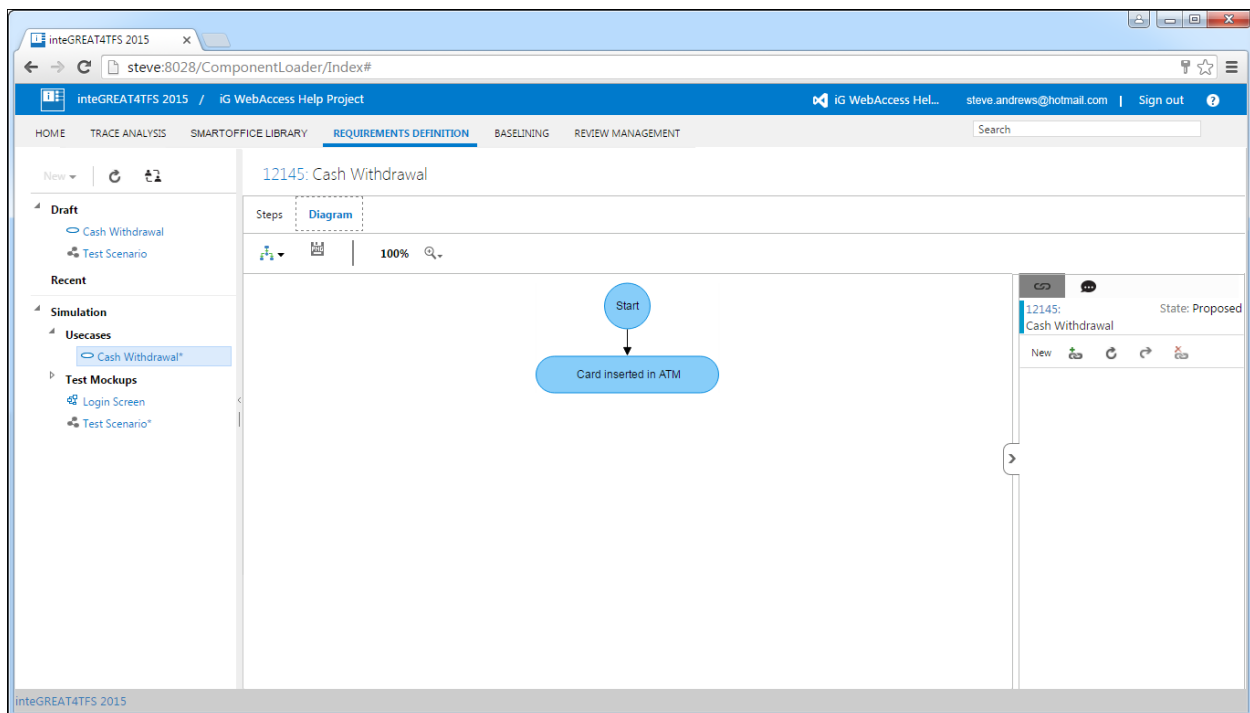2. Enter the steps of process in the Steps panel (under Main Success Scenario heading).

Any steps/details entered above the Main Success Scenario would not be included in the diagram (although it would remain in the Use Case in textual format)
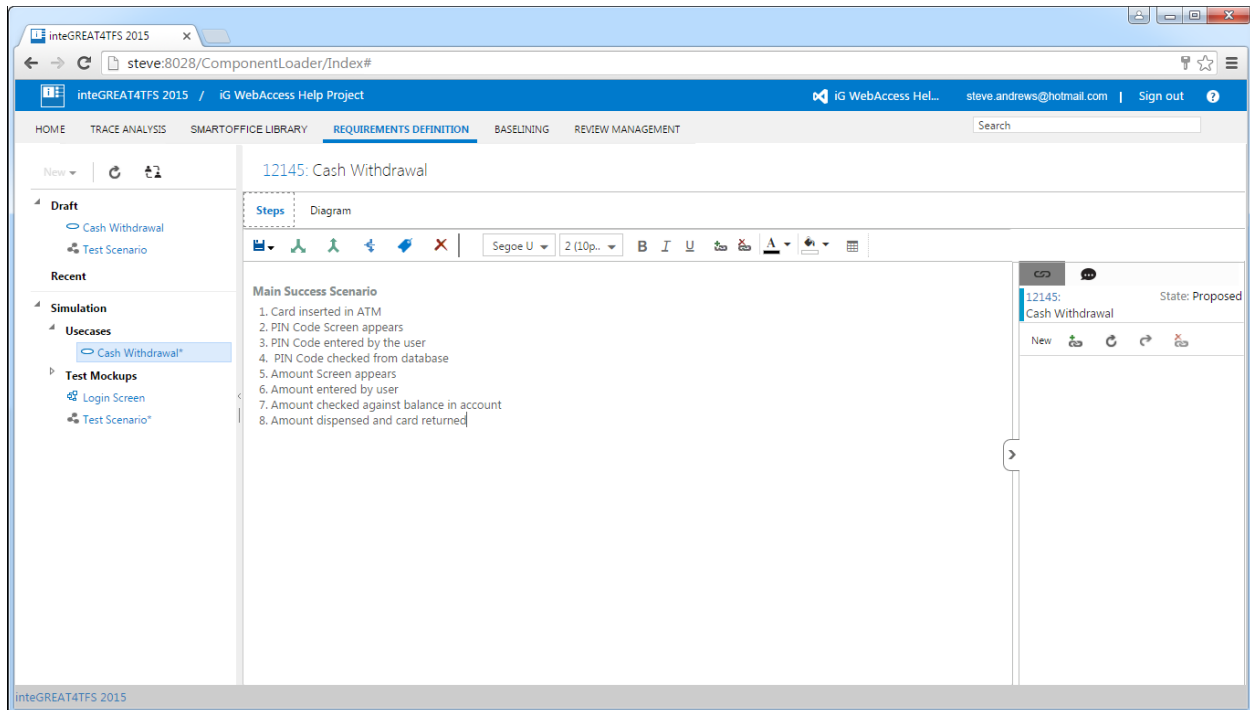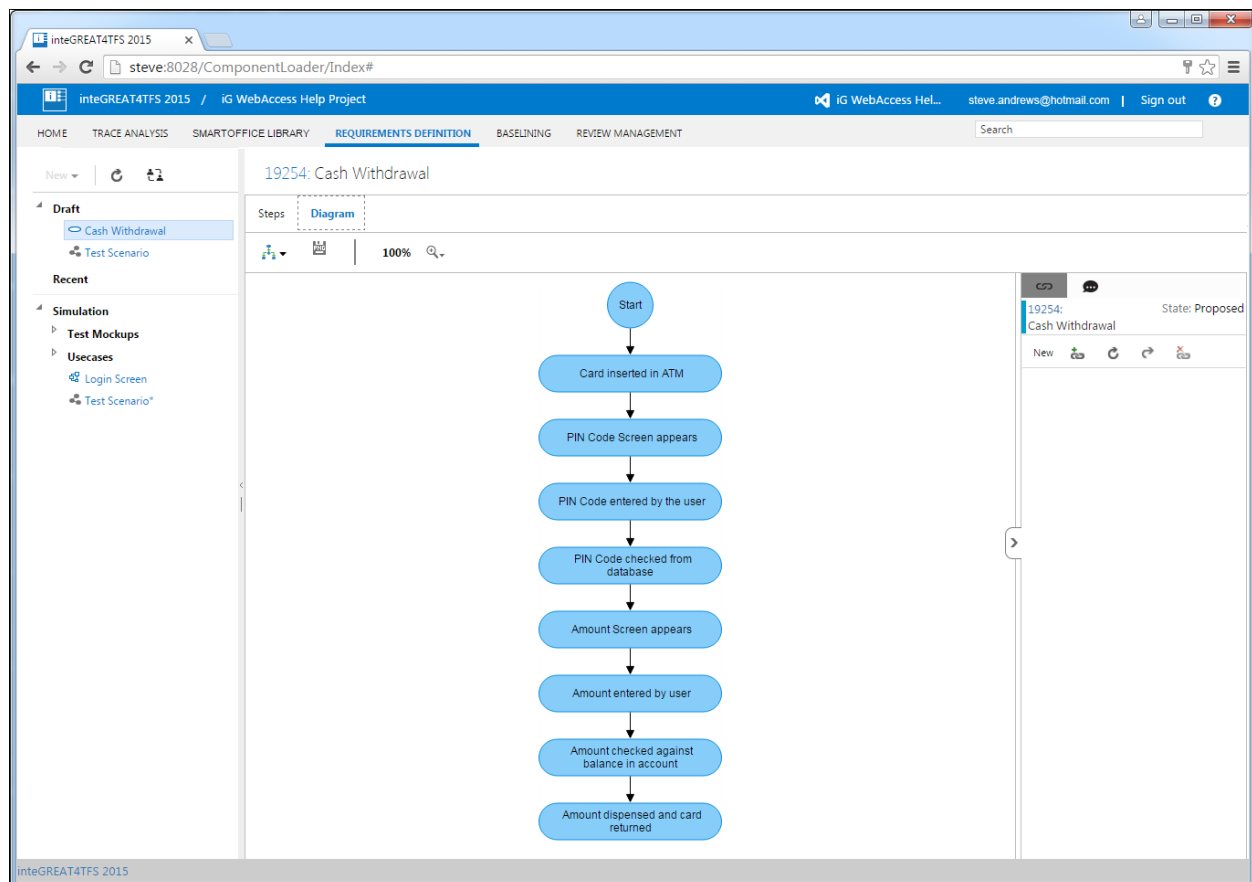

3. Click the **Diagram** Tab.

The step is shown graphically in the Designer panel.

4. Now click the **Steps** Tab to go back to the Steps panel.
5. Continue to enter steps as elaborated above until the Main Success Scenario (the happy path) is modeled completely.

6. Now click the Diagram Tab again to view the final drawing as per the steps.

MODELING BRANCHES

Now that we have modeled the **Main Success Scenario,** it's time to model branches. The branches may be alternate scenarios or exception scenarios. Both are modeled in the same manner. To model these alternate scenarios, we use the Branch option. Let's see how this is used.

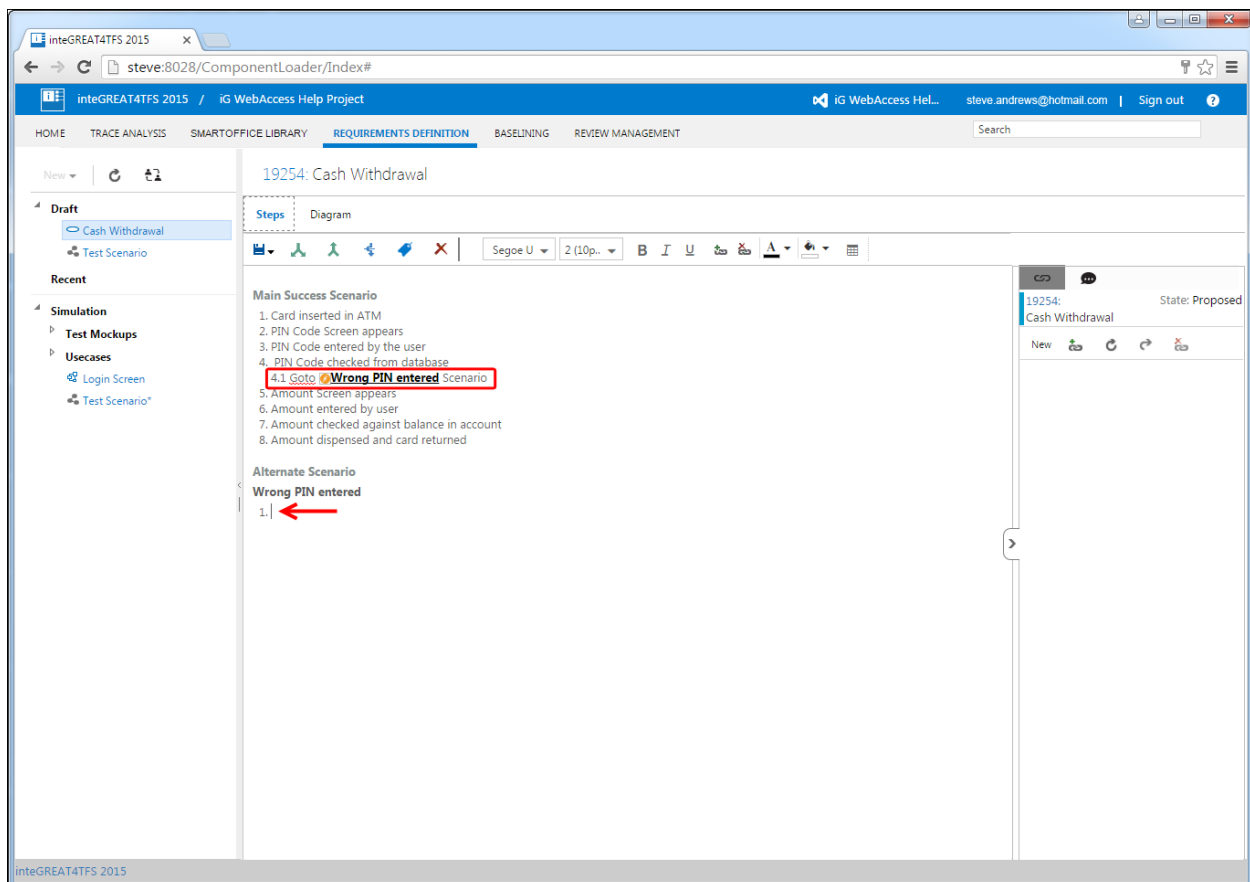1. Place the cursor on the step (in the Steps panel) from where the branch would start.
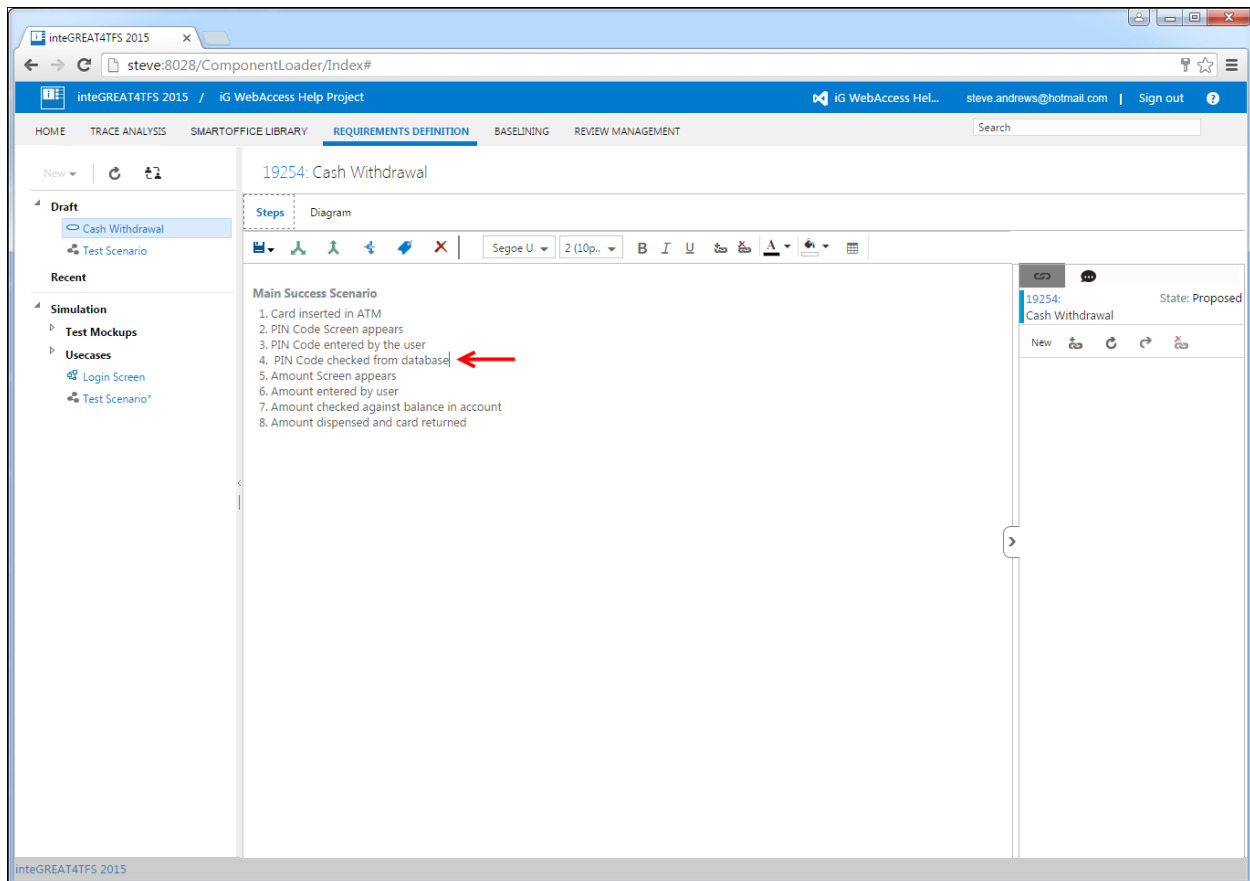
2. Click the **Branch** button in the Steps Toolbar.
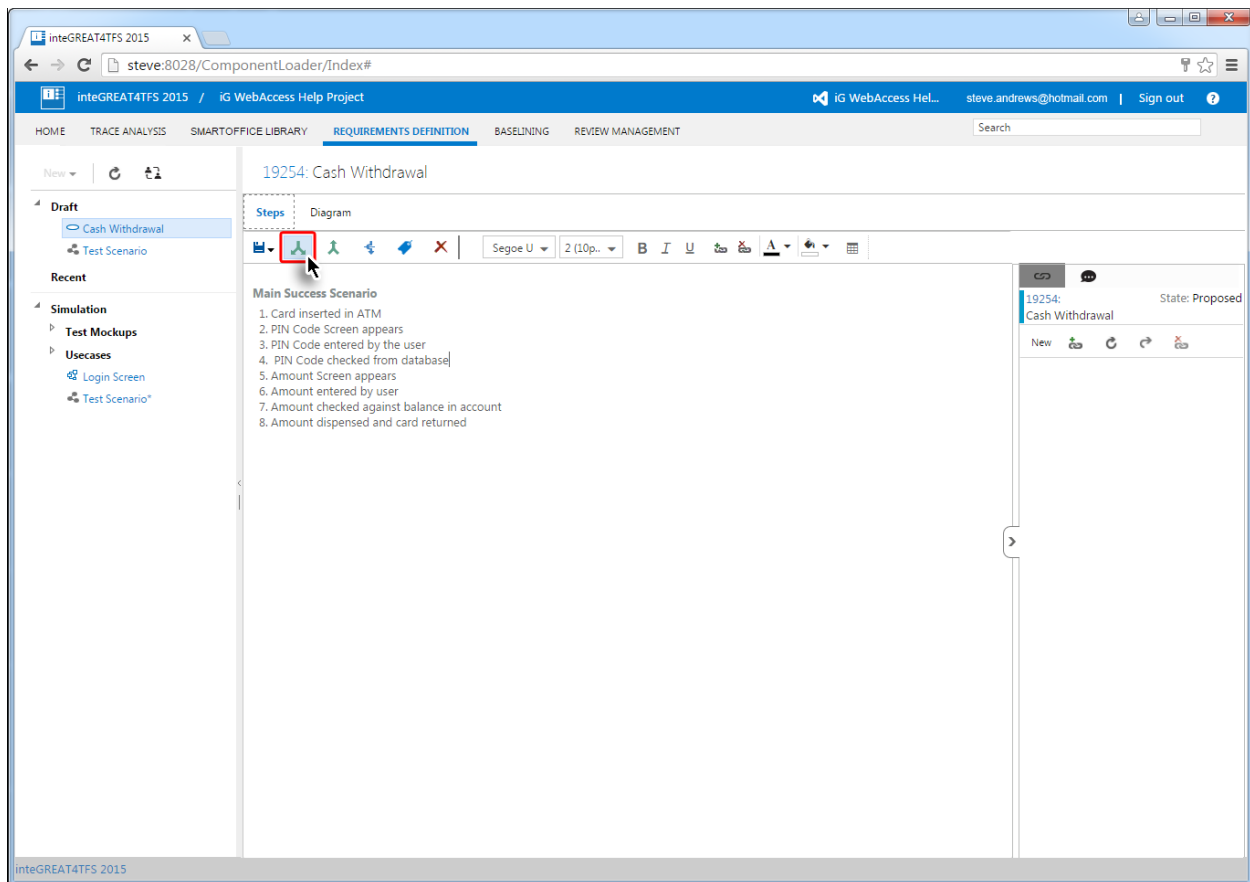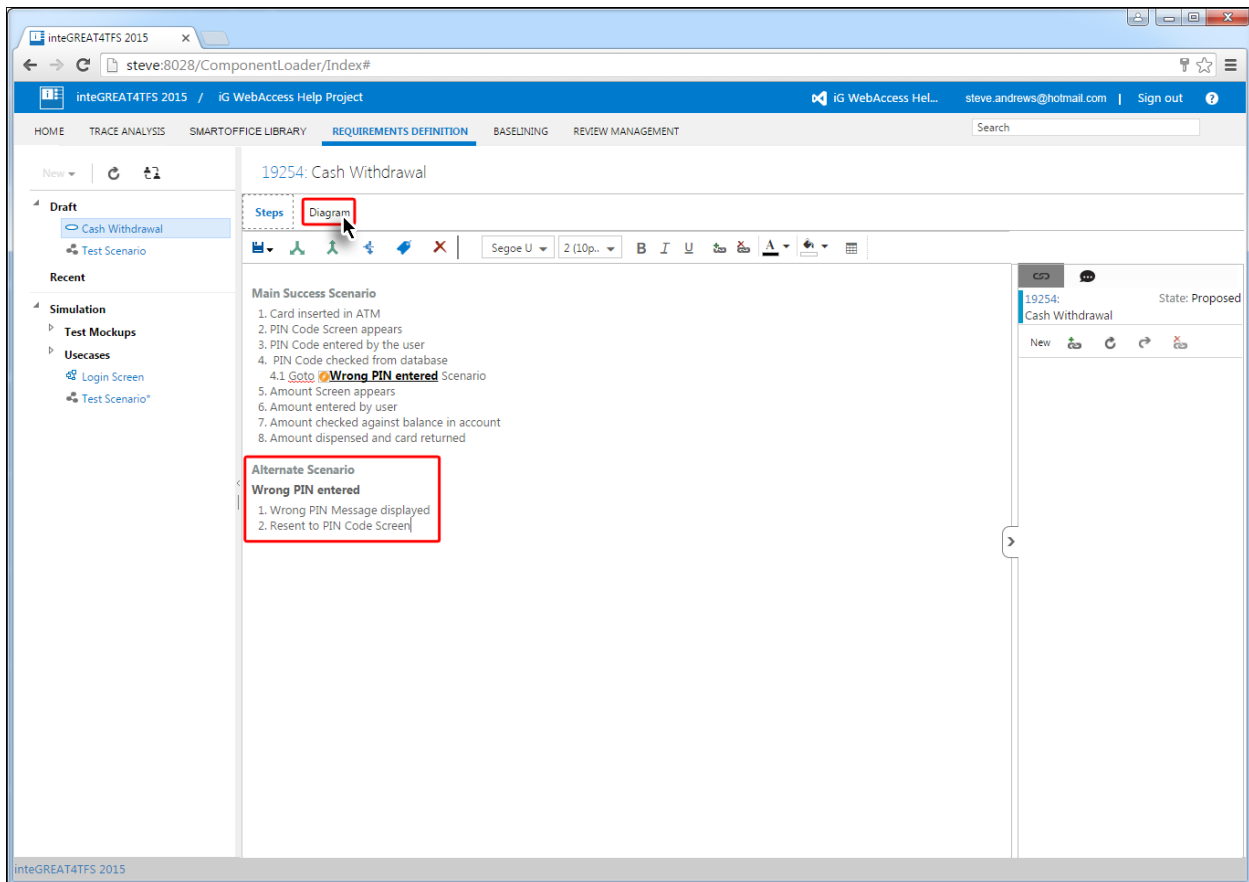
3. Enter the alternate scenario's name and click the **OK** button.
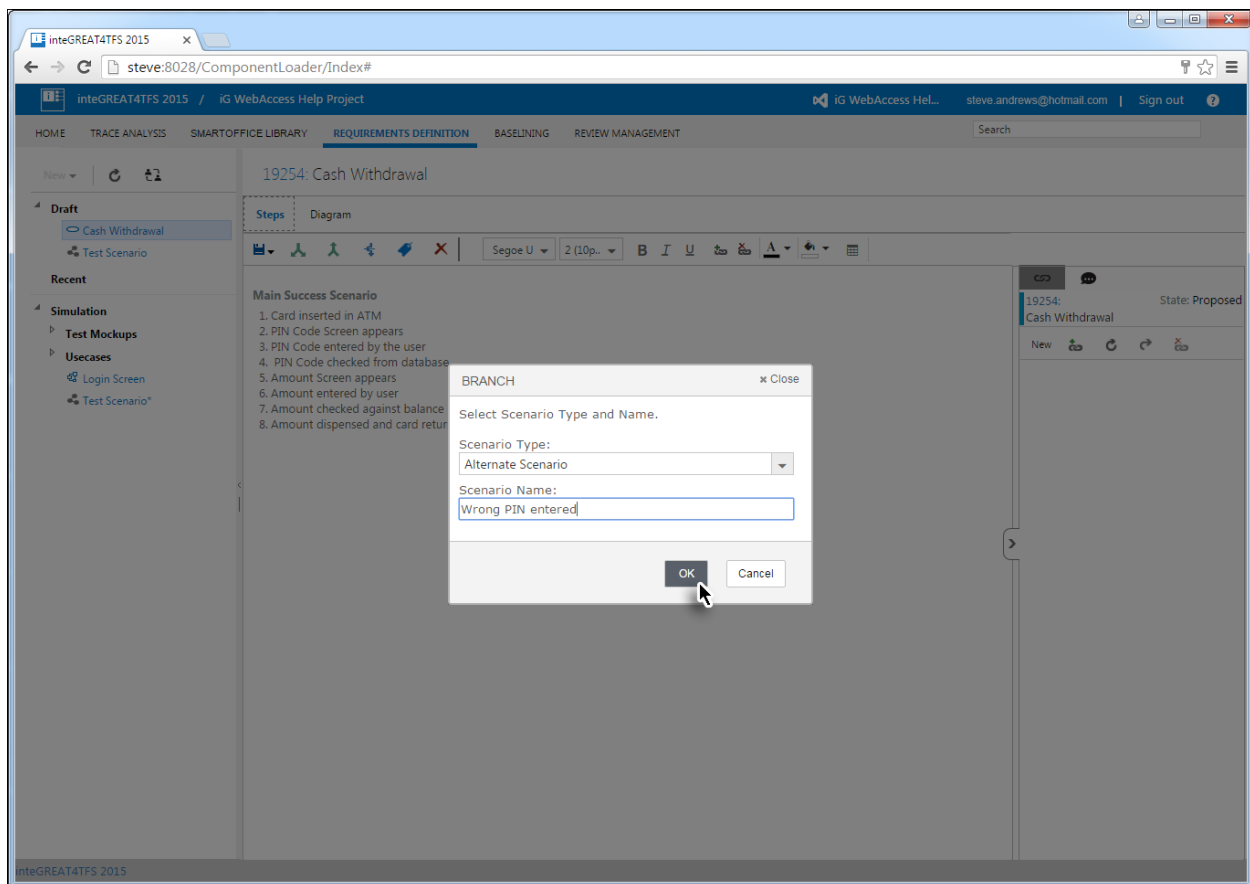
The desired branch is created in the Steps panel and the cursor is shifted inside the alternate scenario.

4. Now model the flow in the same manner as **Main Success Scenario** and then click the **Diagram** Tab.
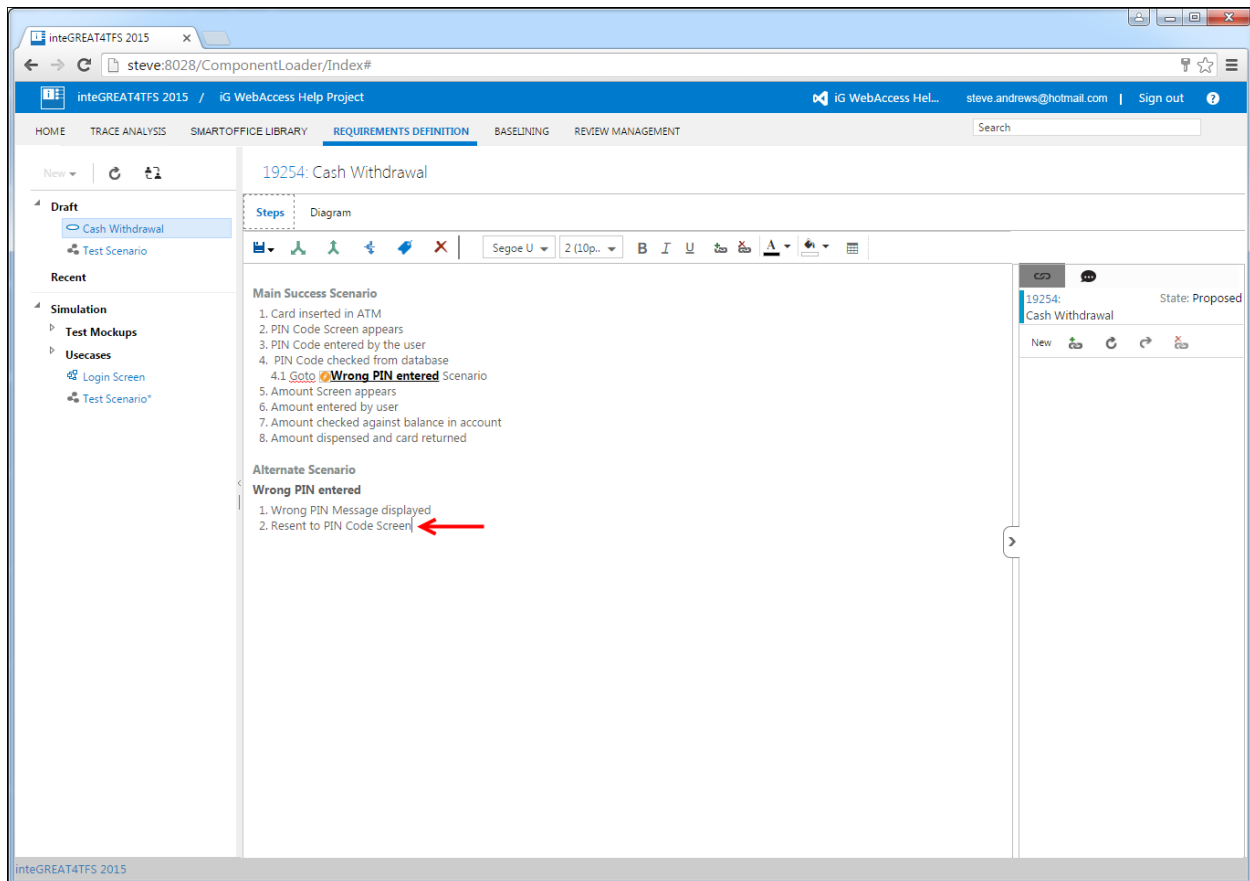
The alternate scenario branch appears in the Diagram panel.
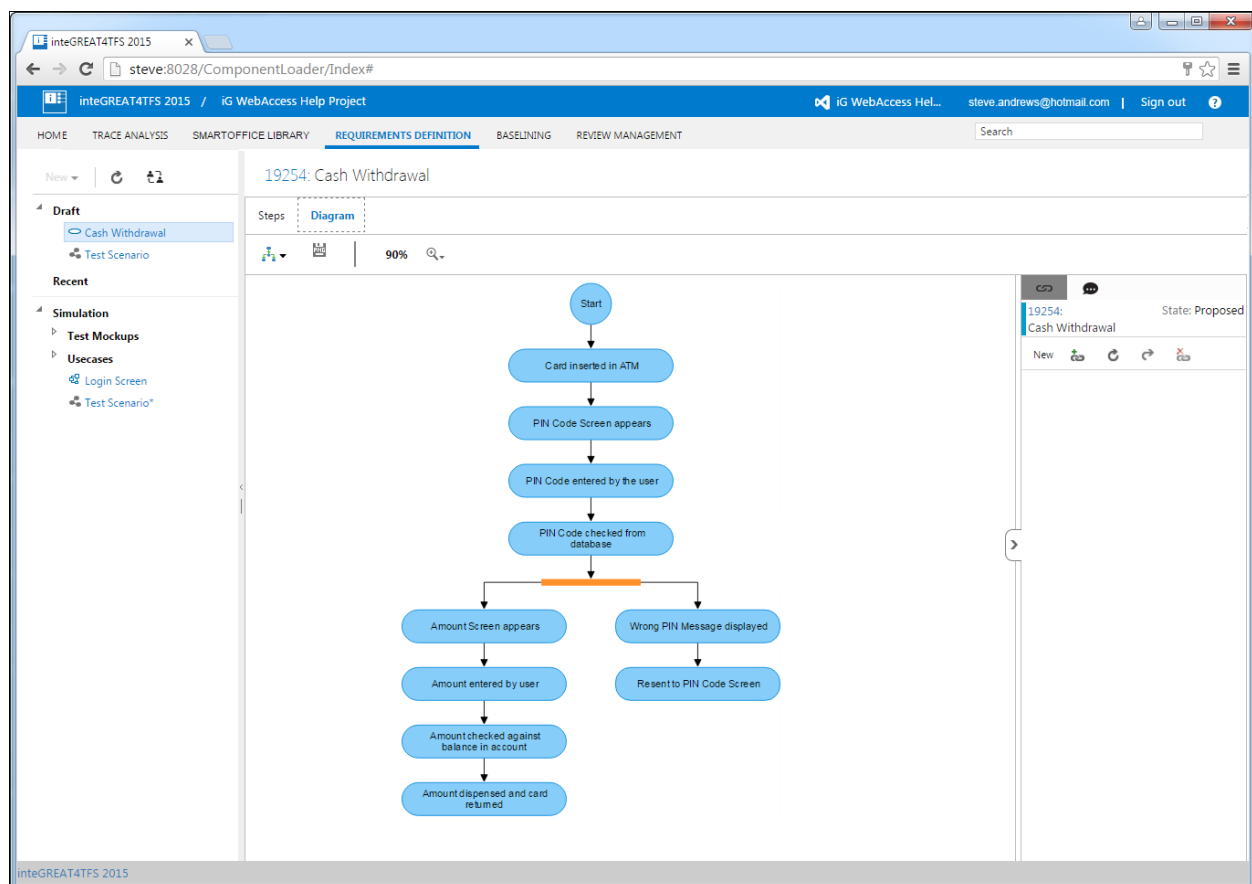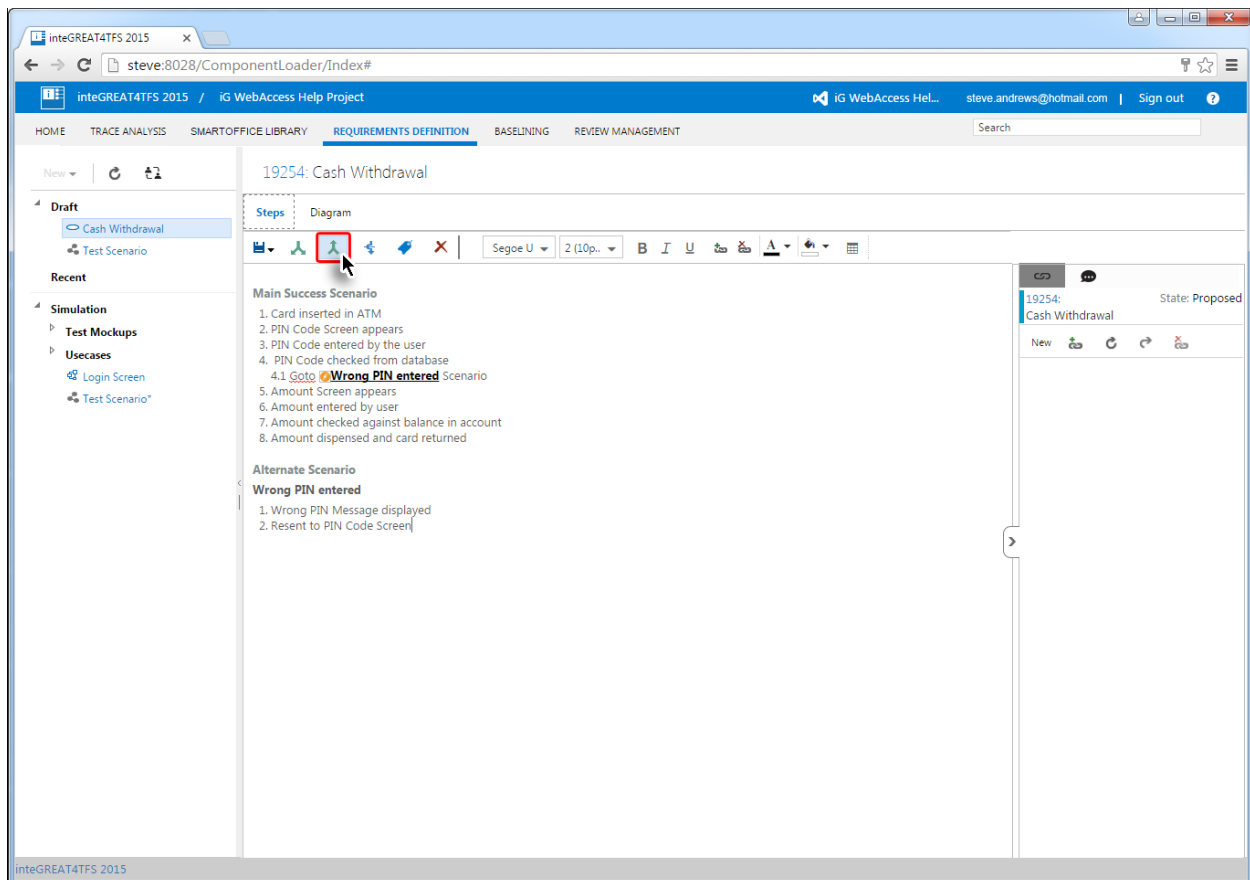
MERGING BRANCHES

Branches may remain separate or may be merged at some point as per steps of the use case. To merge the branches, we use the **Merge** option.
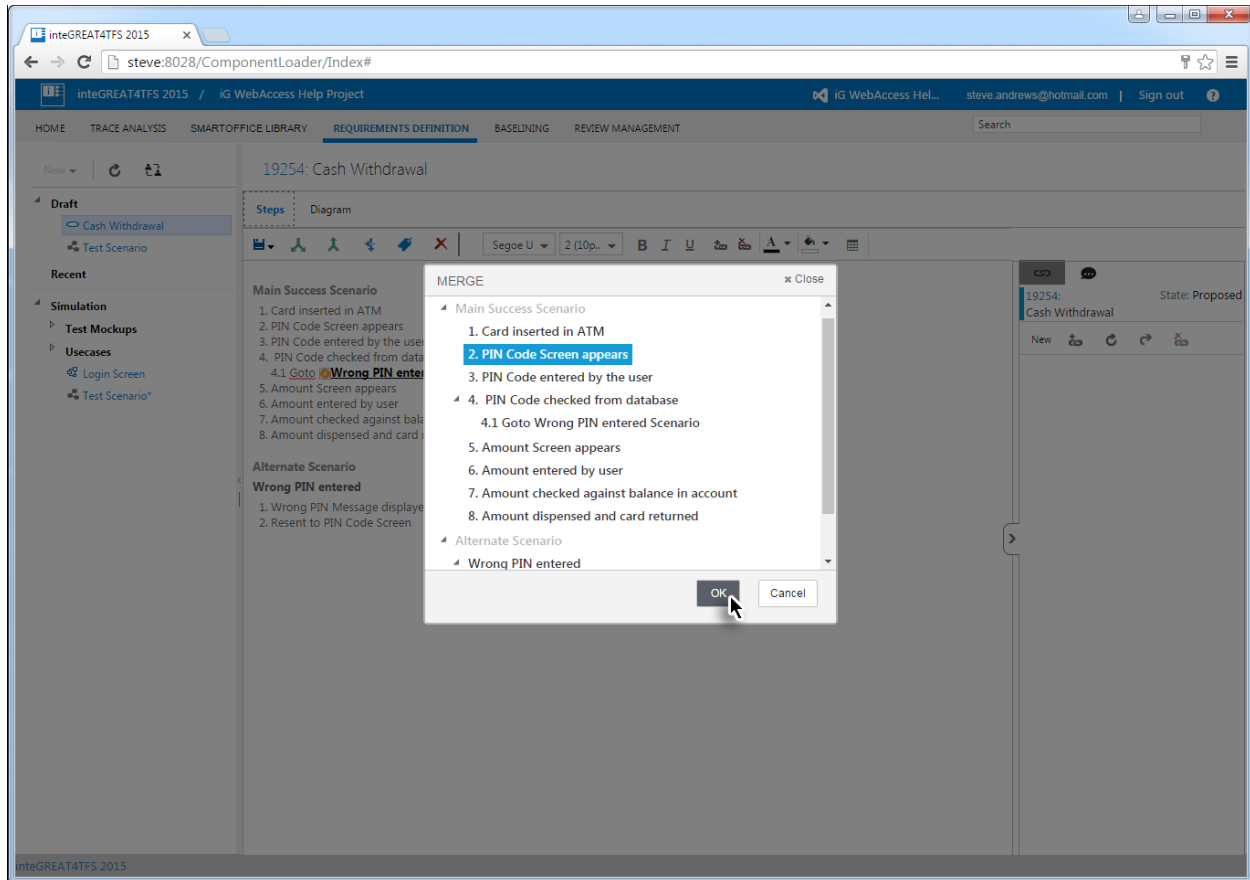
1. Place the cursor in the branch step from where it is to be merged with the Main Success Scenario (or another branch).
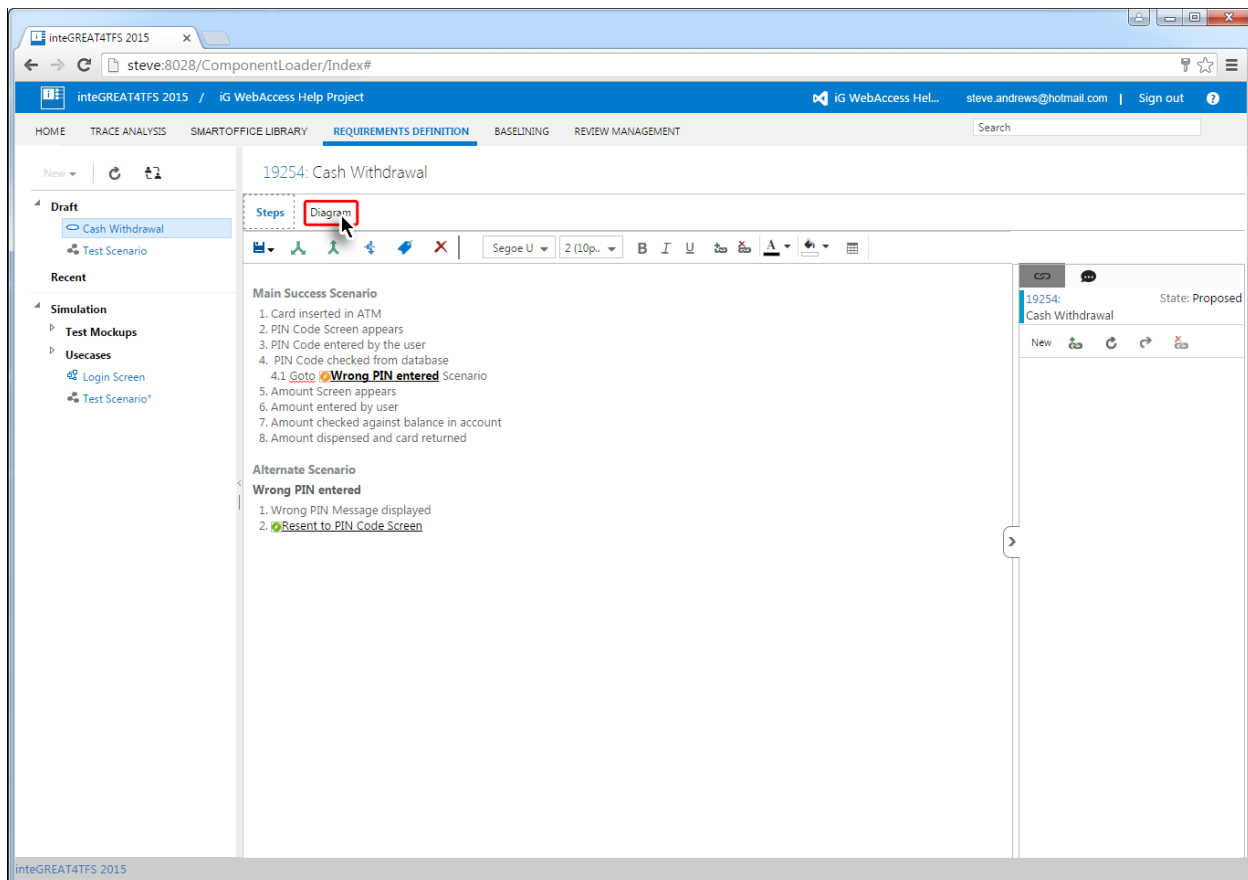
2. Click the **Merge** button.

3. Select the step in the Main Success Scenario (or any other branch as per requirements) and click the **OK** button.

The branch is merged (as per selection) in the Steps panel.

4. Click The **Diagram** Tab.

The branch is merged in the diagram as well.