

Maker/Checker

Users with access to configuration screens must be able to submit a set of changes into an approval process. Each configuration screen has its own toggle for make/checker

Once the changes are submitted, no further changes can be submitted for the same item until the previous ones are approved/rejected

Each configuration screen has been assigned particular set of teams, users of which can only approve the submitted changes provided they have the required roles. Changes can be approved/rejected in bulk

User Personas - Maker/Checker

User Profile 1



Ruchika Mishra
Business Solutions Team

“
Understanding and implementing basic blocks of product management to aim for being a Product Manager in future

Age: 26
Status: Unmarried
Location: India
Education: MBA

Patient Extrovert
Joyful Hard Working
Multitasker Innovative

Bio

Ruchika is member of Business Solutions team for the product and has been involved with the product for an year now. She handles the India side operations and assists the Product Manager in day to day processes. She's an innovator and a multitasker, due to which she's been given the responsibility of handing the business side of product in case of absence of the manager. She has a little bit of coding experience too which helps in understanding development of the product.

Personality

Introvert	Extrovert
High	Low

Analytical	Creative
High	Low

Innovative	Traditional
Low	High

Passive	Active
High	Low

Technical	Non-Technical
Low	High

Goals

- Consistent design across all screens of the application (Version 1.0 has inconsistencies)
- To have a clear feedback from the system upon any action taken by the user, for example detailed error handling
- Incorporate different communication channels for interconnected processes into a single system
- Use of modern UI design instead of orthodox legacy design

Motivations

Knowledge
Very High

Curiosity
Medium

Convenience
Very High

Speed
Very High

Innovation
Very High

Frustrations

- System gets non responsive during heavy data operations
- Limited insights and no control over the flow of data through various stages of processing
- Accessibility issues (uneven sizes of buttons, unclear on-click action items)
- Separate communication channels for separate tasks, which leads to more overhead and hence communication gap

User Profile 2



John Oliver
Product Manager

“
Redesign the application in a way to have less manual intervention of internal team in day to day processes

Age: 42
Status: Married
Location: Maryland, US
Education: MBA

Organized Creative
Practical Appreciative
Patient Open Minded

Bio

John is a Product Manager with 7 years experience of handling the day to day operations of the product and dealing with the clients. The product is now 4 years old in working and he is primarily responsible for the manual configuration changes required on a release per release basis. He also acts as a mediator between the clients and the internal team for any new functionalities required or any major bugs reported.

Personality

Introvert	Extrovert
Low	High

Analytical	Creative
Low	High

Modern	Orthodox
Low	High

Passive	Active
High	Low

Technical	Non-Technical
Low	High

Goals

- Less manual intervention in day to day processing
- Consistent design across all screens of the application (Version 1.0 has inconsistencies)
- Better insights into data and various stages of data processing including data visualization
- Put safeguards in place to prevent unintentional data modification
- Incorporate various day to day processes into single application (eg. task management)

Motivations

Manual Intervention
Very Low

Comfort
Medium

Convenience
Very High

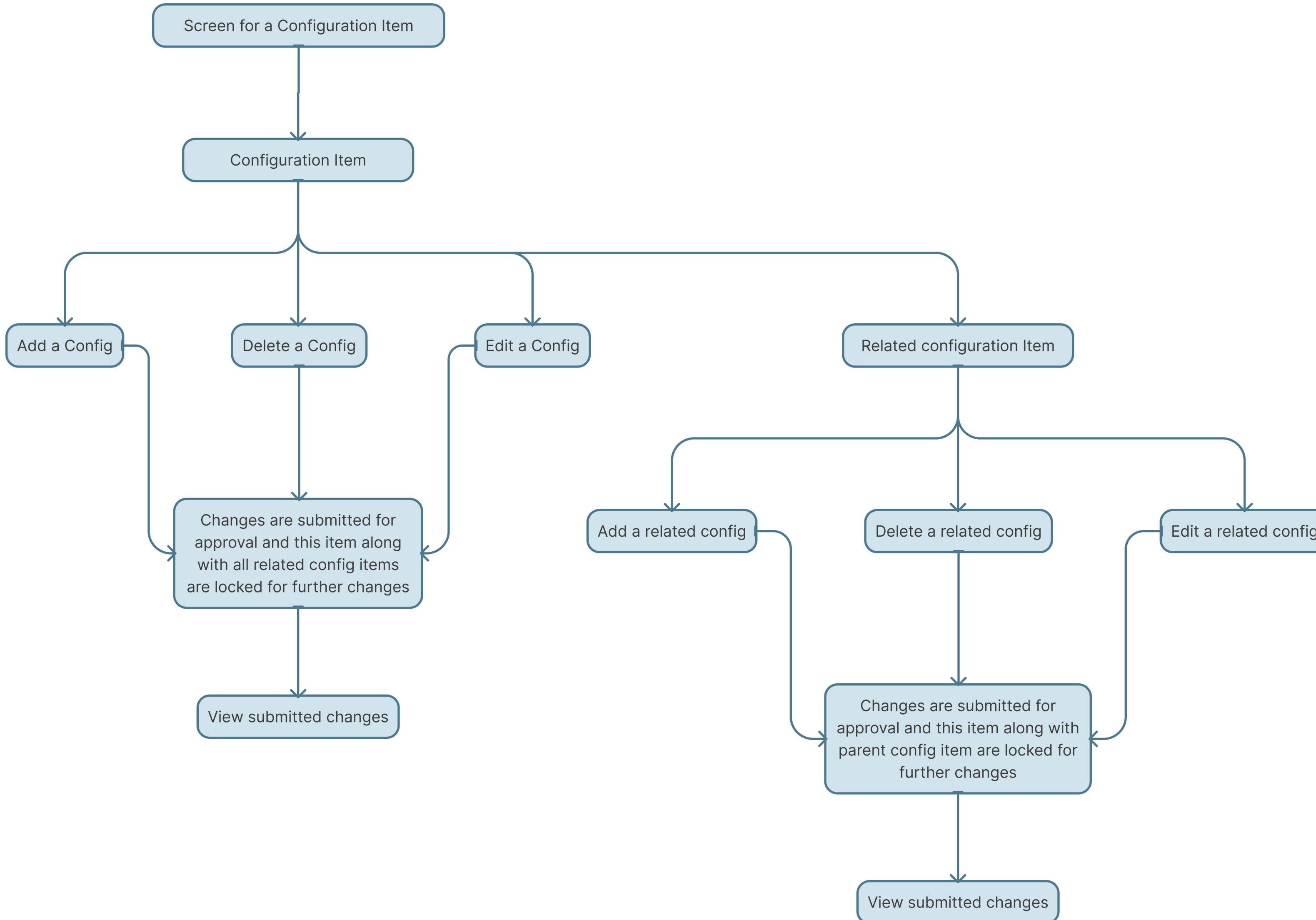
Speed
Very High

Action Clarity
Very High

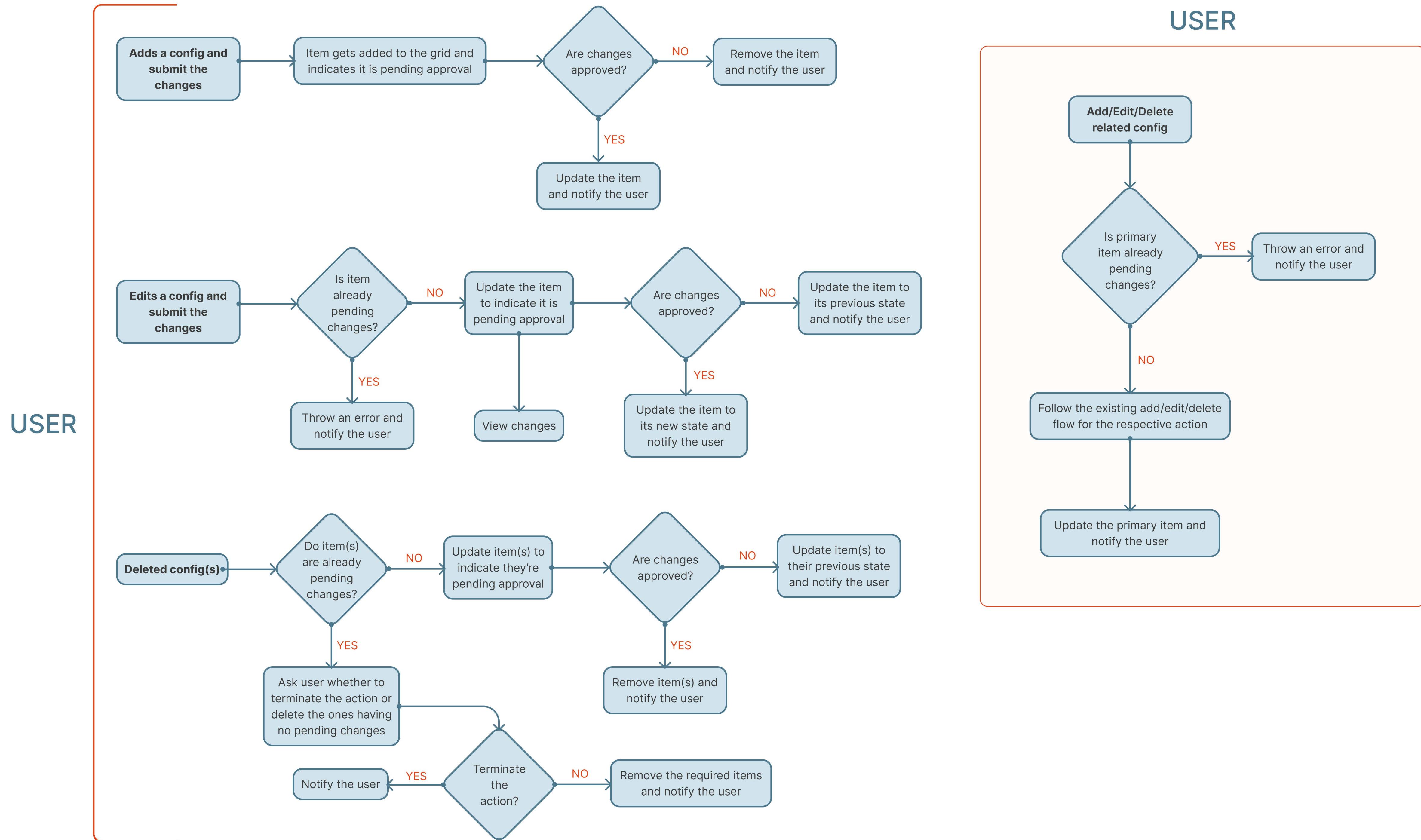
Frustrations

- Design inconsistencies throughout the application, catering to confusion
- No safeguards for any unintentional data modifications, which may have serious implications
- Managing different processes is difficult as each has its own communication platform
- Limited insights and no control over the flow of data through various stages of processing

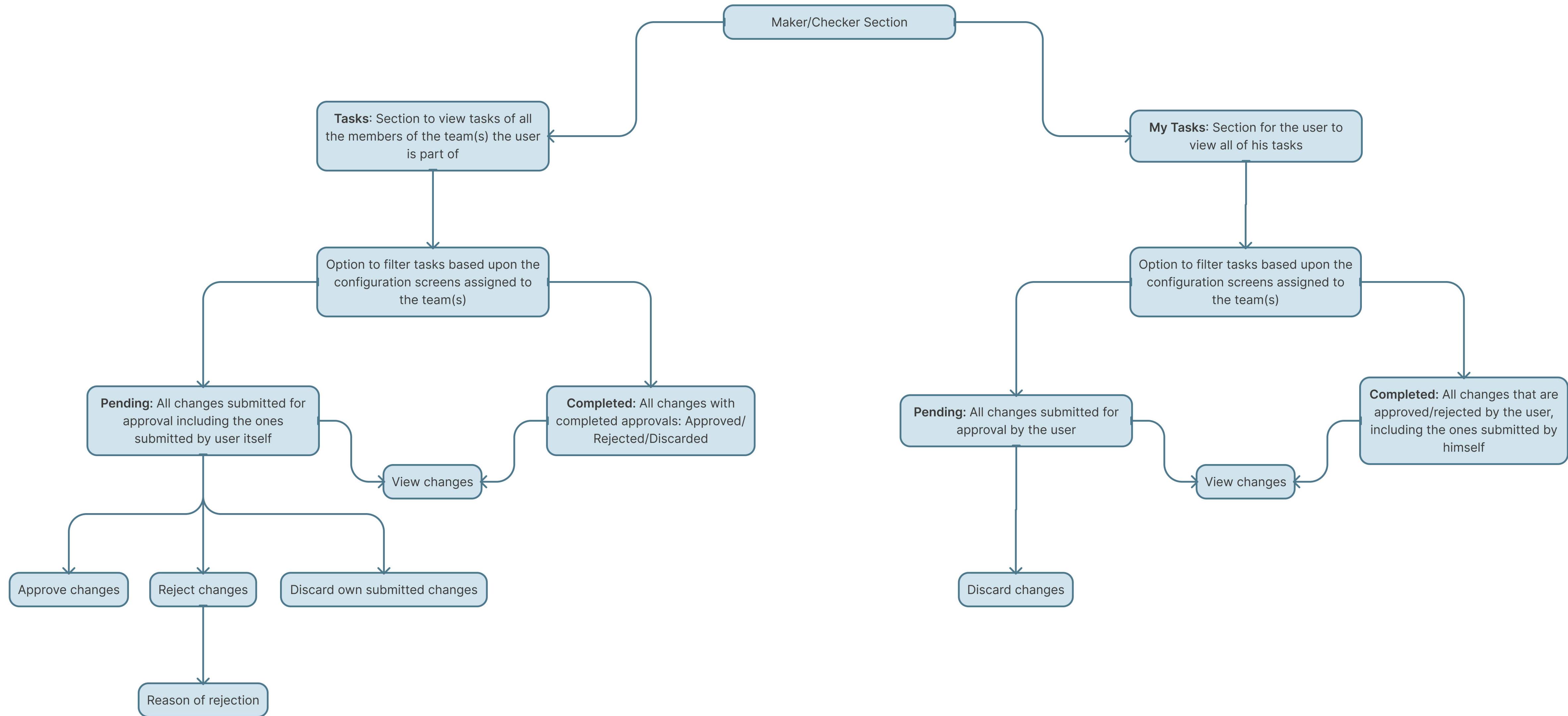
Sitemap - Configuration Screen



User flow - Configuration Screen



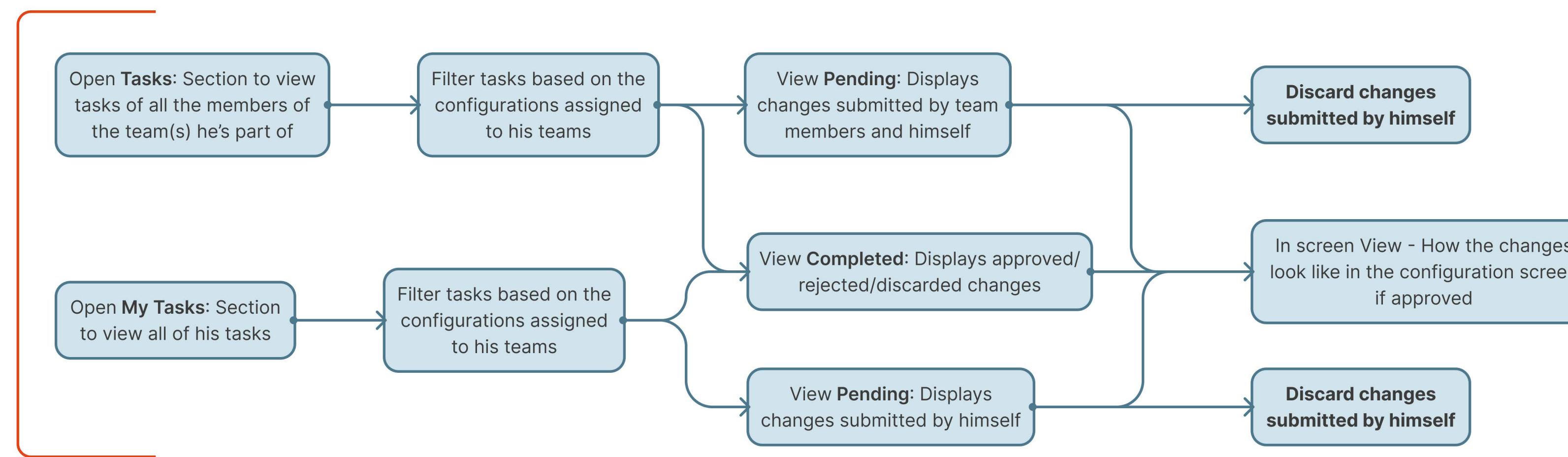
Sitemap - Maker/Checker Screen



User flow - Maker/Checker Screen

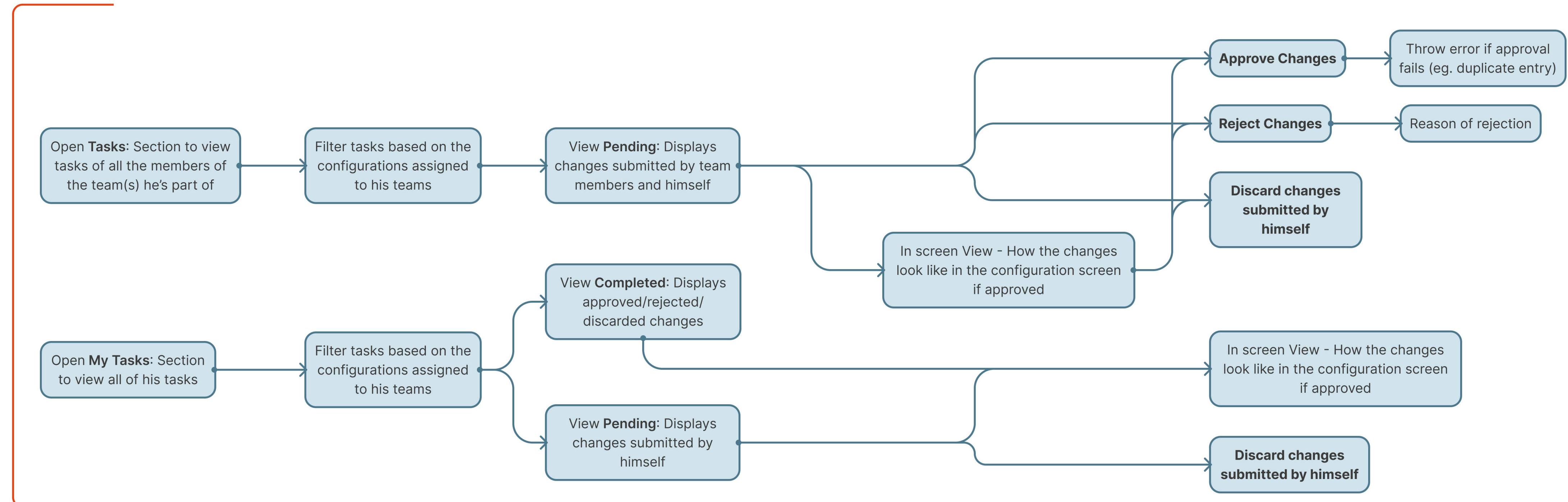
USER

role_checker = false



USER

role_checker = true



Wireframes - Configuration Screen

No pending approvals

This wireframe shows a configuration screen for 'Section 1 / Config 2 / Sub Config 2'. The interface includes a header with 'Application Name' and user info 'John Oliver ENV'. Below the header are two sections: 'SECTION 1' and 'SECTION 2'. 'SECTION 1' contains a table with four columns: Column 1, Column 2, Column 3, and Column 4. Data rows include 'Sub Config 1' with values Col 1 - Val 1, Col 2 - Val 1, Col 3 - Val 1, and Col 4 - Val 1; 'Sub Config 2' with values Col 1 - Val 2, Col 2 - Val 2, Col 3 - Val 2, and Col 4 - Val 2; 'Sub Config 3' with values Col 1 - Val 3, Col 2 - Val 3, Col 3 - Val 3, and Col 4 - Val 3; and 'Sub Config 4' which is collapsed. 'SECTION 2' also has a 'Config 1' section that is collapsed. A message 'Please select a Sub Config 2 to view Related Config 1' is displayed. At the bottom, there are pagination controls for 'Rows per page: 25' and '3 of 3'.

Newly added configuration item - pending approval

This wireframe shows the same configuration screen as the first one, but with a newly added row in 'SECTION 1'. The new row for 'Col 1 - Val 4' is highlighted with a yellow background and has a checkmark icon next to it. A tooltip 'Awaiting addition approval' appears over the row. The rest of the interface is identical to the first wireframe.

Newly added configuration item - approved

This wireframe shows the configuration screen after the new item has been approved. The row for 'Col 1 - Val 4' now has a green checkmark icon and is no longer highlighted. The rest of the interface is identical to the previous wireframes.

Edited configuration item - pending approval

This wireframe shows the configuration screen after an edit. In 'SECTION 1', the row for 'Col 1 - Val 4' has been modified. A modal window titled 'Edits awaiting approval' is open, showing a table with three columns: 'Configuration Name', 'Old Value', and 'New Value'. For 'Col 1 - Val 4', the old value is 'Col 4 - Val 4' and the new value is 'Col 4 - Val 4 Edited'. A tooltip 'Awaiting child items approval' is visible near the row. The rest of the interface is identical to the first wireframe.

Edited related configuration item - pending approval

This wireframe shows the configuration screen after an edit to a related item. In 'SECTION 1', the row for 'Col 1 - Val 4' has been modified. A modal window titled 'Edits awaiting approval' is open, showing a table with three columns: 'Configuration Name', 'Old Value', and 'New Value'. For 'Col 1 - Val 4', the old value is 'Col 4 - Val 4' and the new value is 'Col 4 - Val 4 Edited'. A tooltip 'Awaiting child items approval' is visible near the row. The rest of the interface is identical to the first wireframe.

Delete configuration item - pending approval

This wireframe shows the configuration screen after a delete operation. In 'SECTION 1', the row for 'Col 1 - Val 4' has been removed. A modal window titled 'Delete awaiting approval' is open, showing a table with three columns: 'Configuration Name', 'Old Value', and 'New Value'. For 'Col 1 - Val 4', the old value is 'Col 4 - Val 4' and the new value is 'Col 4 - Val 4 Deleted'. A tooltip 'Awaiting deletion approval' is visible near the row. The rest of the interface is identical to the first wireframe.

Wireframes - Maker/Checker Screen

Submitted change to add a config

This wireframe shows a 'Submitted change to add a config' screen. The interface includes a navigation bar with 'Application Name', 'ENV', and a user 'John Oliver (Checker)'. Below the navigation is a search bar and a table header for 'REVIEW CHANGES' with columns: Configuration, Change Type, Submitted By, Deadline, and Submitted At. The main content area displays a 'Sub Config 1 - Add' section with a table for 'Column 1', 'Column 2', 'Column 3', and 'Column 4'. A 'Related Sub Config 1 - Add' section follows, containing tables for 'Related Col 1', 'Related Col 2', 'Related Col 3', and 'Related Col 4'. At the bottom, there are pagination controls for 'Rows per page: 25' and '7 of 7'.

Change submitted by user himself

This wireframe shows a 'Change submitted by user himself' screen. It has a similar structure to the first one, with a navigation bar, search bar, and 'REVIEW CHANGES' table. The 'Sub Config 1 - Add' section shows a different configuration for 'Column 1' (Col 1 - Val 1, Col 2 - Val 1, Col 3 - Val 1, Col 4 - Val 1). The 'Related Sub Config 1 - Add' section also shows different values for its columns. The bottom pagination controls are identical to the first wireframe.

Submitted change to delete a config

This wireframe shows a 'Submitted change to delete a config' screen. The layout is consistent with the others, featuring a navigation bar, search bar, and 'REVIEW CHANGES' table. In the 'Sub Config 1 - Delete' section, the 'Column 1' table shows 'Col 1 - Val 1' and 'Col 2 - Val 1' with a note '-Col 2 - Val 1 > Col 2 - Val 1'. The 'Related Sub Config 1 - Delete' section shows 'Rel Col 1 - Val 1' and 'Rel Col 2 - Val 1' with a note 'Rel Col 1 - Val 1 > Rel Col 2 - Val 1'. The bottom pagination controls are identical.

In screen mode for an 'edit' change type

This wireframe shows 'In screen mode for an "edit" change type'. It includes an 'In Screen View' header with 'APPROVE' and 'REJECT' buttons. The main content area has two sections: 'SUB CONFIG 1' and 'RELATED CONFIG 2'. 'SUB CONFIG 1' contains a table with columns 'Column 1' through 'Column 5'. 'RELATED CONFIG 2' also has a table with columns 'Column 1' through 'Column 5'. A message 'Please select a Sub Config 1 to view Related Config 1' is displayed below the tables. The bottom pagination controls are identical to the other wireframes.

Submitted change marked as approved

This wireframe shows a 'Submitted change marked as approved' screen. It features a navigation bar, search bar, and 'REVIEW CHANGES' table. The 'APPROVED' section of the table highlights a row where 'Sub Config 1' was edited and discarded by the checker. The 'Related Sub Config 1 - Delete' section shows 'Rel Col 1 - Val 1' and 'Rel Col 2 - Val 1' with a note 'Rel Col 1 - Val 1 > Rel Col 2 - Val 1'. The bottom pagination controls are identical.

Submitted change marked as rejected

This wireframe shows a 'Submitted change marked as rejected' screen. It has a similar structure, with a navigation bar, search bar, and 'REVIEW CHANGES' table. The 'REJECTED' section of the table highlights a row where 'Sub Config 1' was edited and rejected by the checker. The 'Related Sub Config 1 - Add' section shows 'Rel Col 1 - Val 1' and 'Rel Col 2 - Val 1' with a note 'Rel Col 1 - Val 1 > Rel Col 2 - Val 1'. The bottom pagination controls are identical.

That's all Folks!