

Backlog 3.1 Alpha

Stakeholders:

- Users : People who use the application to make lists collaboratively.
- Admins : People with access to the server password. They can restart the server, reset the password for boards, lock and unlock boards, and other such maintenance work for the server (in addition to things that normal users can do)

Term Definitions:

- Board: A “board” refers to one collaborative environment containing “columns”, which themselves contain “cards”.
- Card: A card is an entity describing a single task, it can be moved and categorized. A card can not leave a board, and can only travel across columns.
- Column: A column refers to the actual column in the GUI which is used to categorize different cards based on their progress (eg: to do, in progress, done).
- Field: A place where one can enter input to give to the application (eg: text area)

Epic for basic features (Acceptance Criteria - hollow bullets):

This epic illustrates the creation of a minimal application that will help users track tasks, progress through those tasks, and support coordination between multiple users. This is done through the use of a shared board, which houses customizable columns, which each house customizable cards. These cards contain information regarding a singular task.

- As an admin, I want to be able to control the server so that I can maintain the Talio application through the console.
 - Remove boards
 - Reset boards
 - Reset password for boards
 - List all boards
 - Be able to view all boards (even password-protected ones) individually
- As a user, I want to use Talio without the hassle of signing up or logging in anywhere, so that I can easily organize my thoughts
- As a user, I want to collaborate with other people by interacting with the same board as them.
 - Board changes are reflected on devices for other users as well
- As a user, I want to see updates to shared boards in real-time so that I can work with others.
 - The updates show up within 5 seconds
- As a user, I want to be able to drag and drop cards within a column and between columns to put them into any order so that they can be ordered by priority and grouped by category.
 - Drag and drop possible

- As a user, I want cards to consist of a text title that I enter upon creation so that I can easily recognize what the contents of a card are about
 - Card creation (only has a title)
- As a user, I want to be able to edit the text associated with a card after creation because things change.
 - Edit the name of the card
- As a user, I want to be able to remove cards after creation because I might not need them anymore.
 - Card deletion
- As a user, I want to be able to add columns with a title as this helps to organize cards
 - Add column
- As a user, I want to be able to remove columns I deem unnecessary as I might not need them anymore.
 - Remove column

Epics for advanced features (in order of priority) (Acceptance Criteria - hollow bullets):

Multi-Board (Join boards by name/key):

This epic describes how a user can interact with multiple boards, either by creating a new board with a join code or by using a join code to enter an already created board.

- As a user, I want to be able to create a board for my team
 - Users can create a unique partial join key for a board.
 - Users can create a name for the board to serve as the stage title
 - The partial join key is used as part of a unique total join key which has a random part generated and concatenated to it to make it unique.
- Share it with all the team members through the board code so that we can work together easily
 - Users should be able to share and/or join boards using total join keys.

Cards can have details

This epic discusses the feature to add a title and description to different cards to help distinguish between them.

- As a user, I want to add details to cards, so that the title can be a (couple) simple keyword(s) with the details giving additional information.
 - Card creation asks for title and details
- As a user, I want to add cards as subtasks, so that I can track my progress well.
 - Can add new cards to existing cards

Tag Support

This epic is about how a user can highlight cards on similar things using tags.

- As a user, I want to create custom tags to classify cards
 - Create new tag
- As a user, I want to be able to assign my tags to certain cards to help categorize them
 - Assign tag

Customization (Background, Tag colors)

This epic describes how users want to be able to customize the look of the application.

- As a user, I want to be able to change the background color to my likings
 - Change background color in settings
- As a user, I want to be able to change the color of the tags to make them more easily identifiable
 - Change tag color in settings

Keyboard shortcuts/usage

This epic is about using shortcuts to get things done quickly using a keyboard.

- As a (power)user, I want to be able to use keyboard shortcuts to make my experience more streamline
 - Create card
 - Copy/ paste card
 - Delete card
 - Make new board
 - Join a new board
 - Create a new column

Password protected boards (read vs. write)

This epic is about the ability to add a password to a board upon creation and after creation to limit its accessibility.

- As a user I want to be able to password protect my boards in order to prevent unauthorized users from gaining access to it.
 - Passwords should be hashed
 - Ability to enter password for new board
- As a user I want to be able to add a password to an existing board that doesn't have a password.
 - Add password to board later