

Trabajo Colaborativo: Draw.io

Tecnología de la Información en las
Organizaciones (TUDAI)
Sede Tandil - 2020

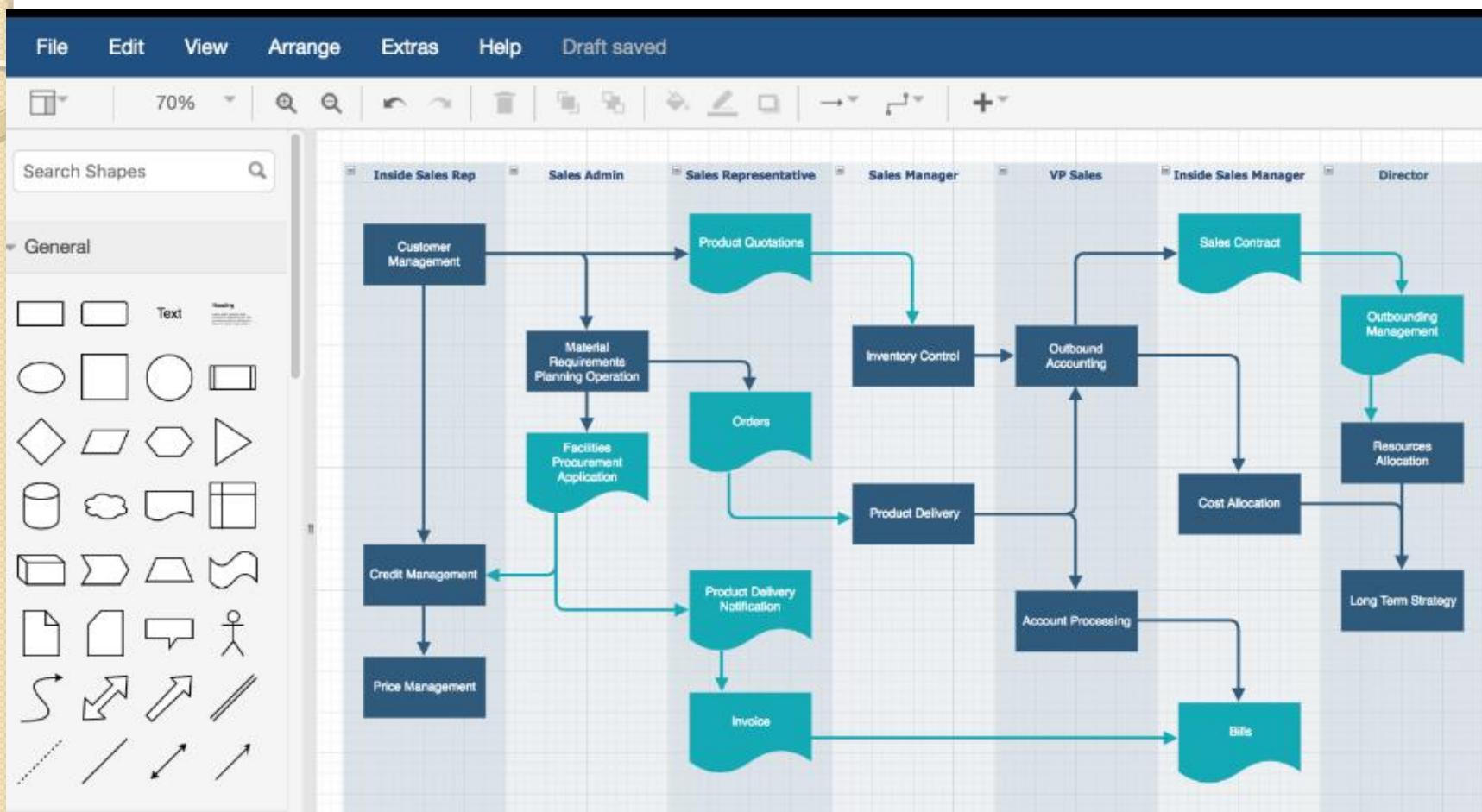


Draw.io

- Es una herramienta de diagramación muy flexible
- Permite crear
 - Diagramas de flujo
 - Diagramas de proceso
 - Organigramas
 - Diagramas UML
 - Diagramas ER (Entidad-Relación)
 - Diagramas de red
 - Y mucho más...

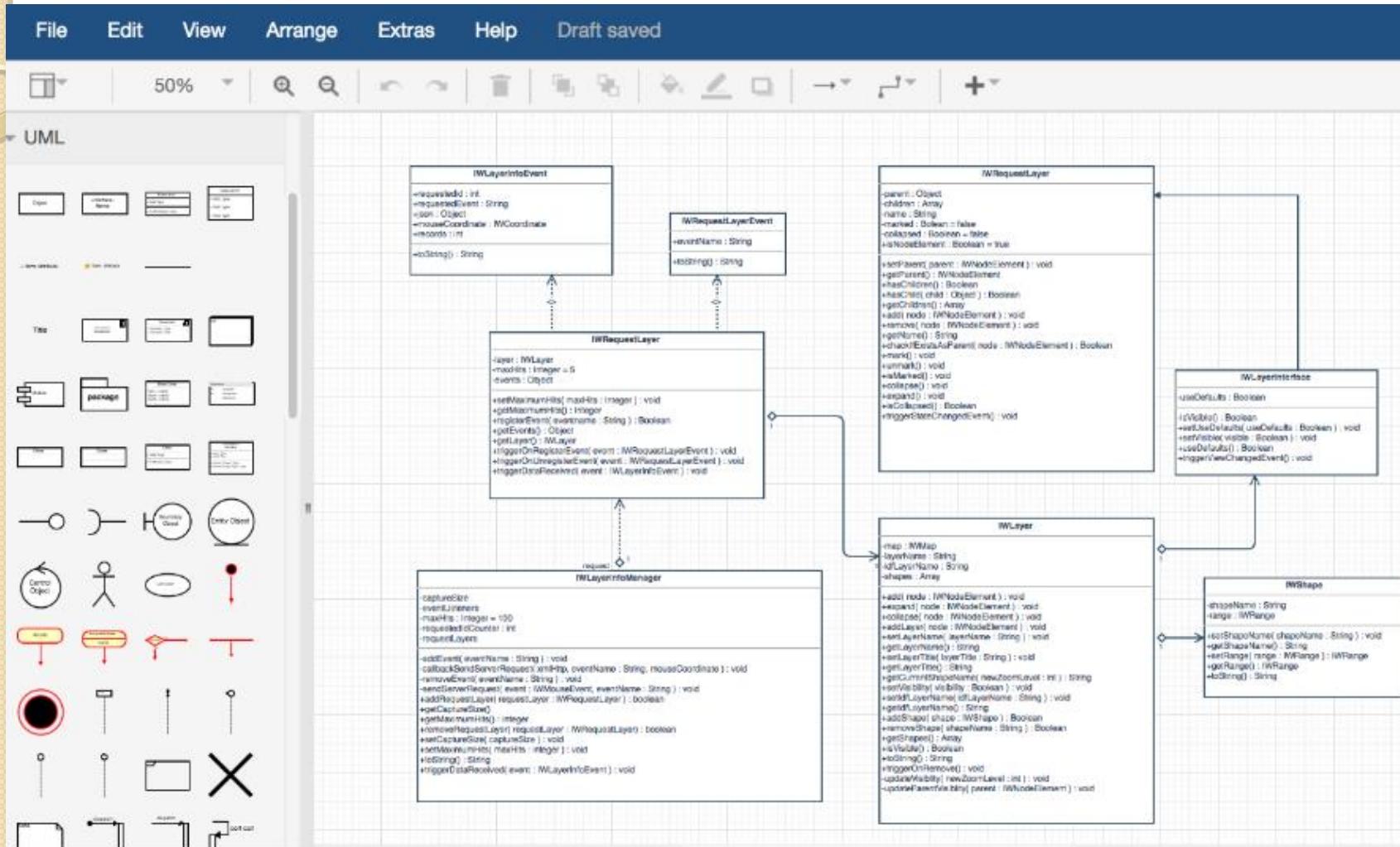
Flowchart

Visualize workflows or processes



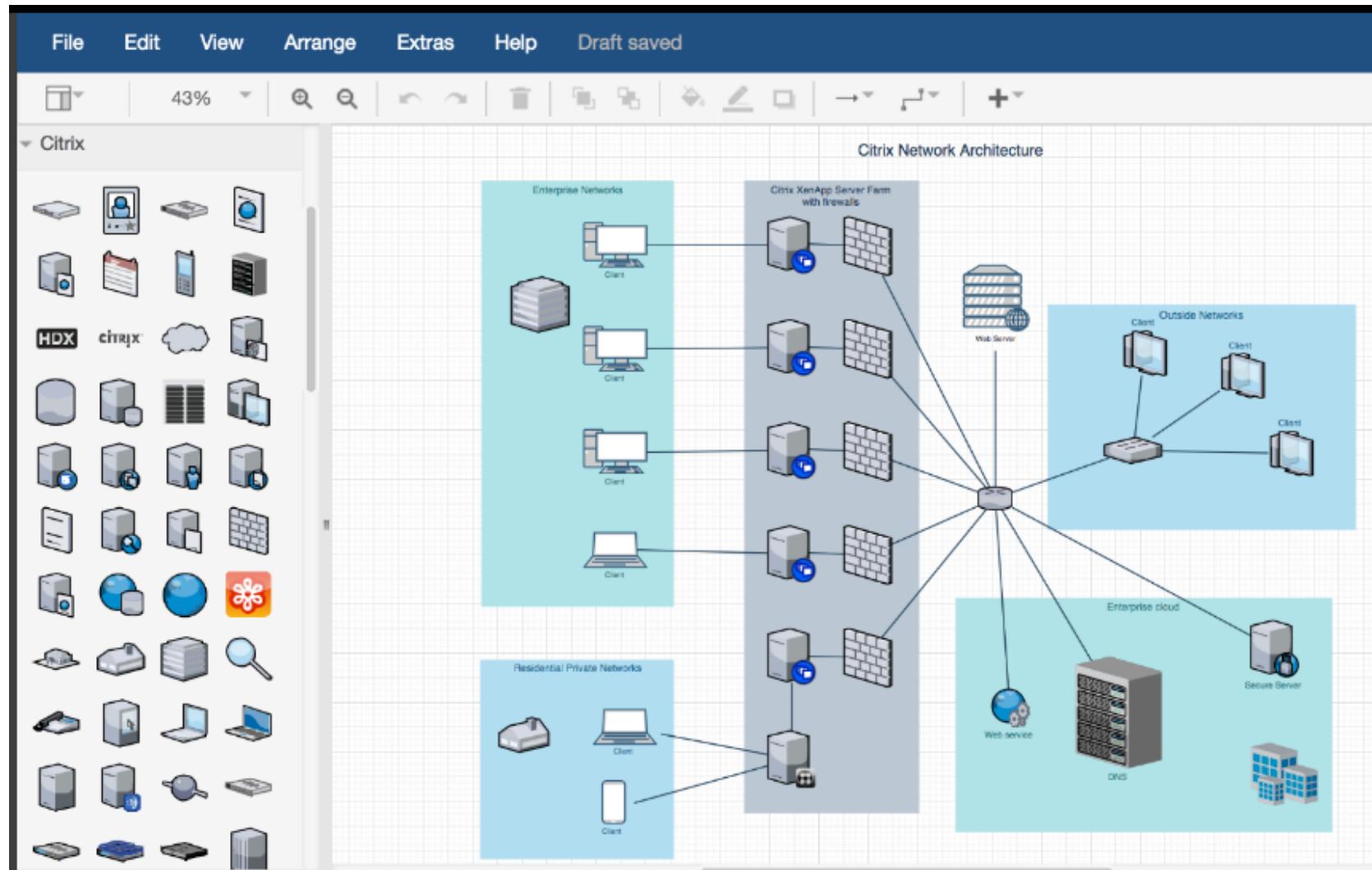
UML diagram

Create structure and behavior diagrams



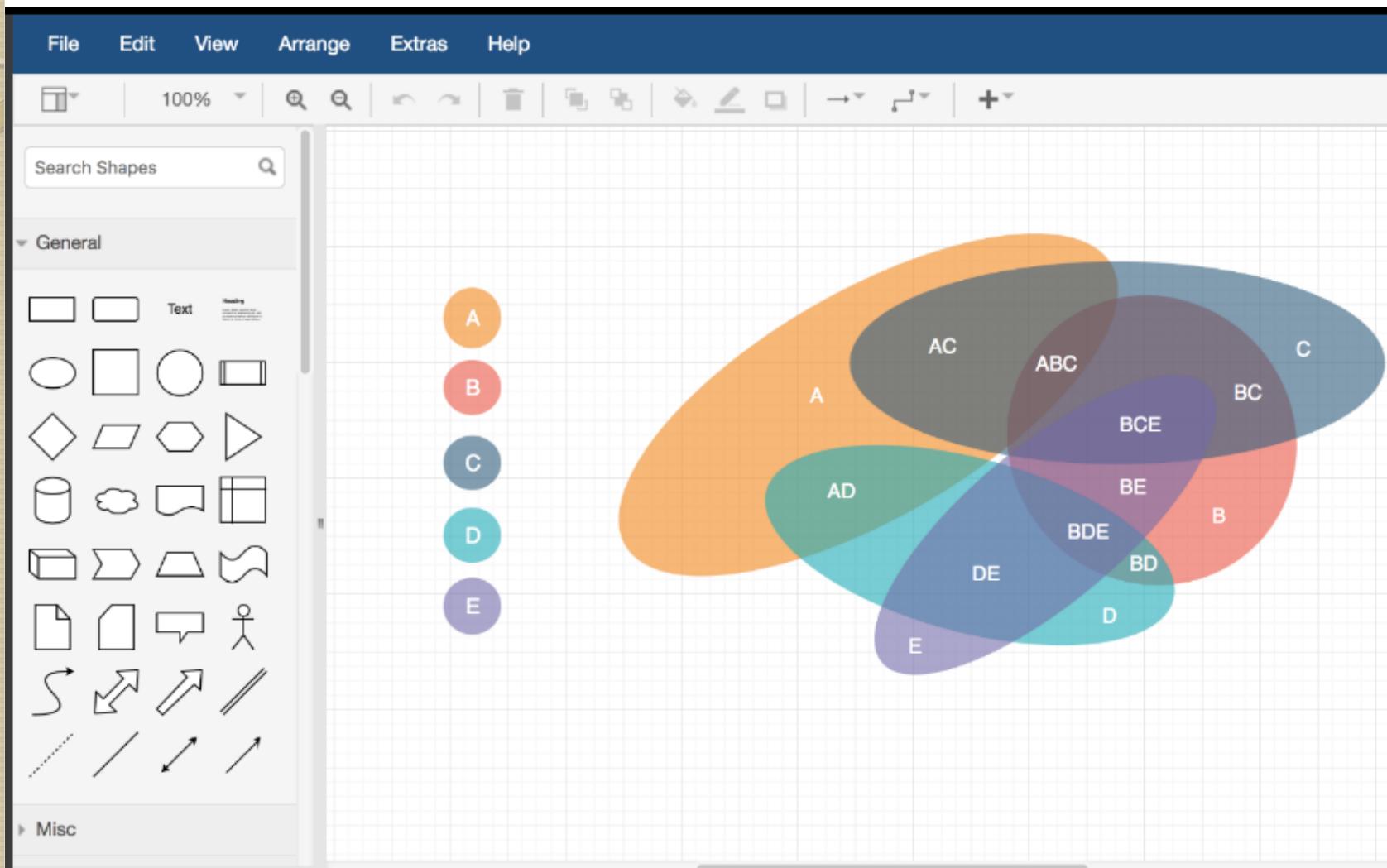
Network diagram

Illustrate the structure of your network



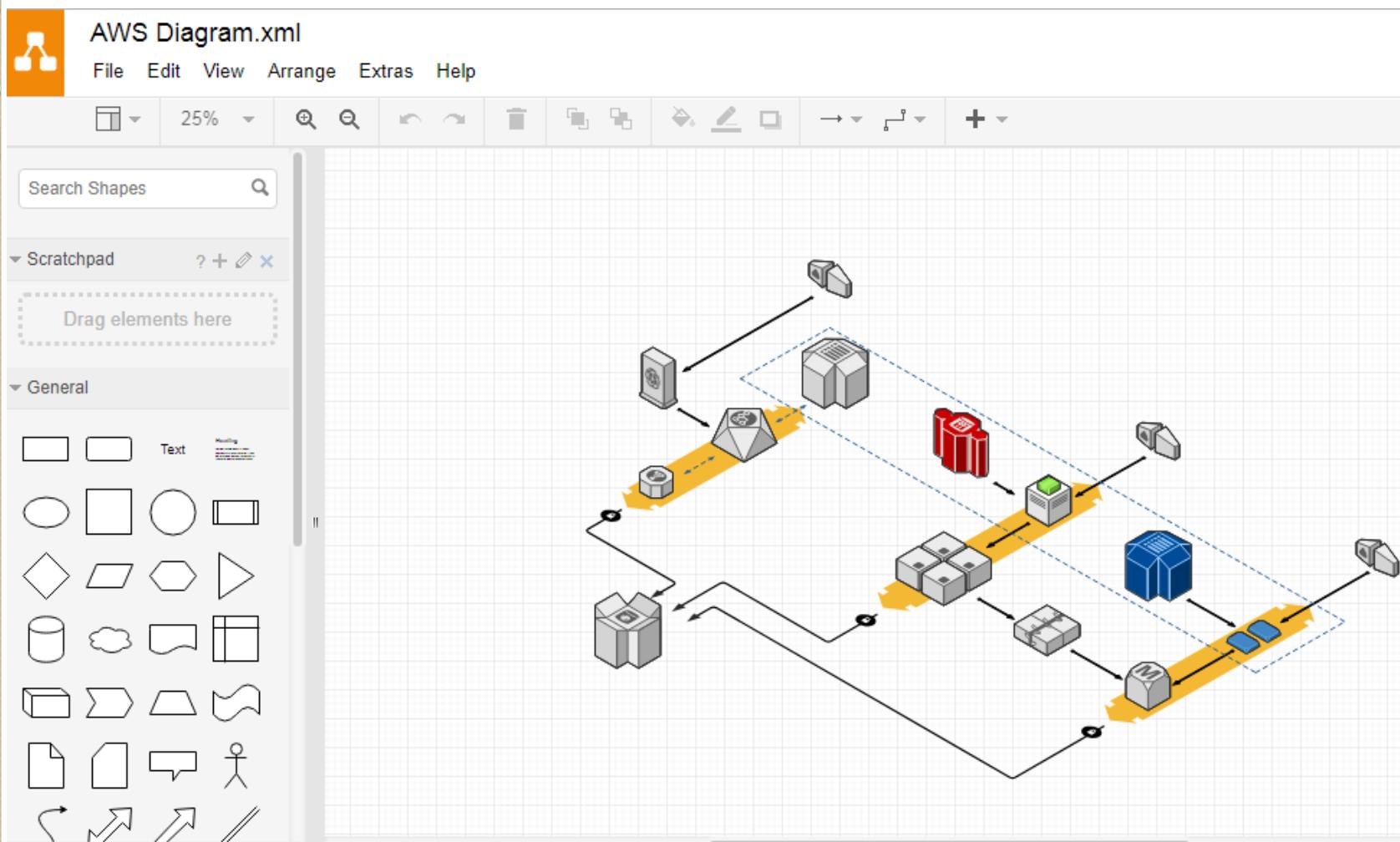
Venn diagram

Show the logical relationships between groups



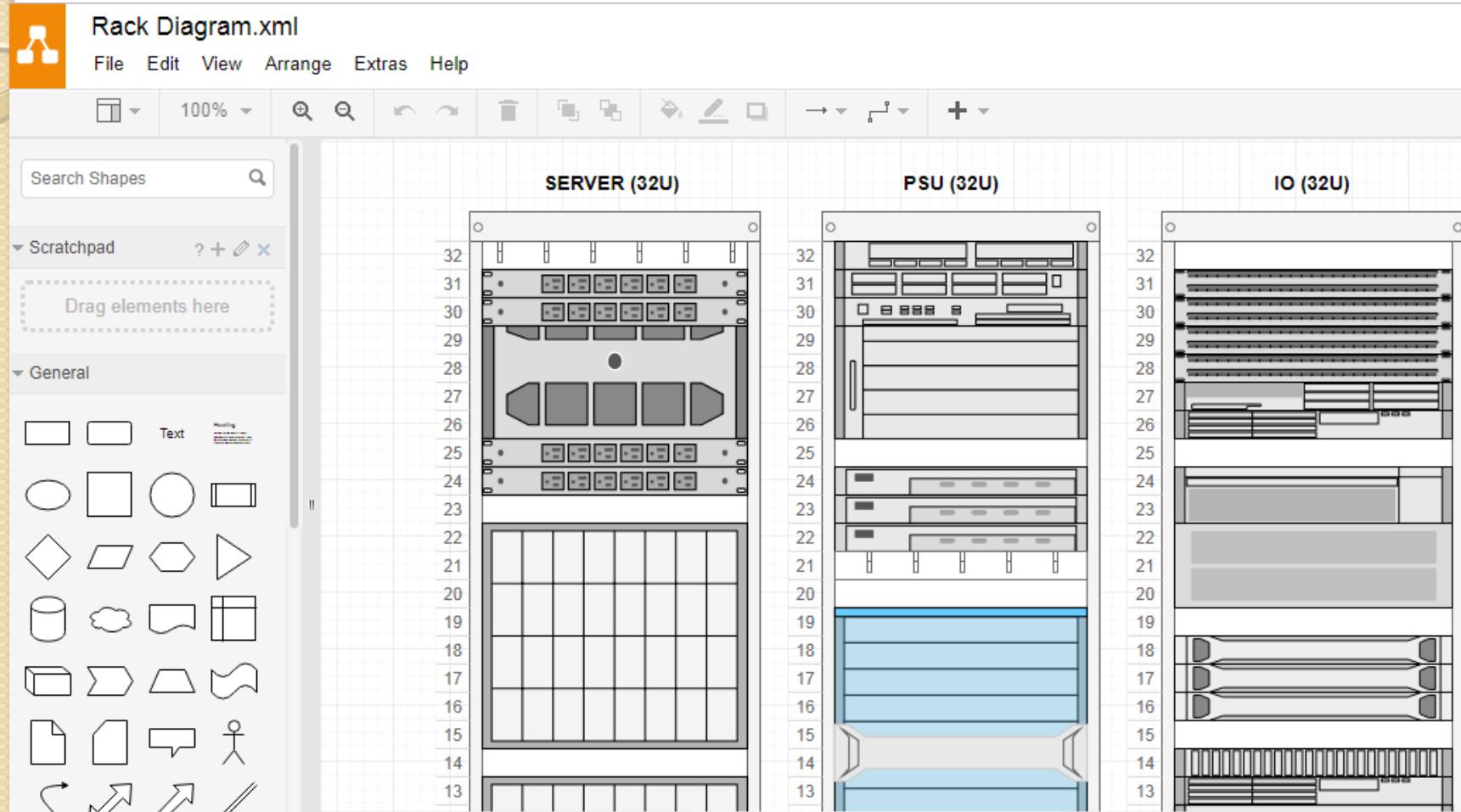
AWS diagram

Fully document your AWS network architecture



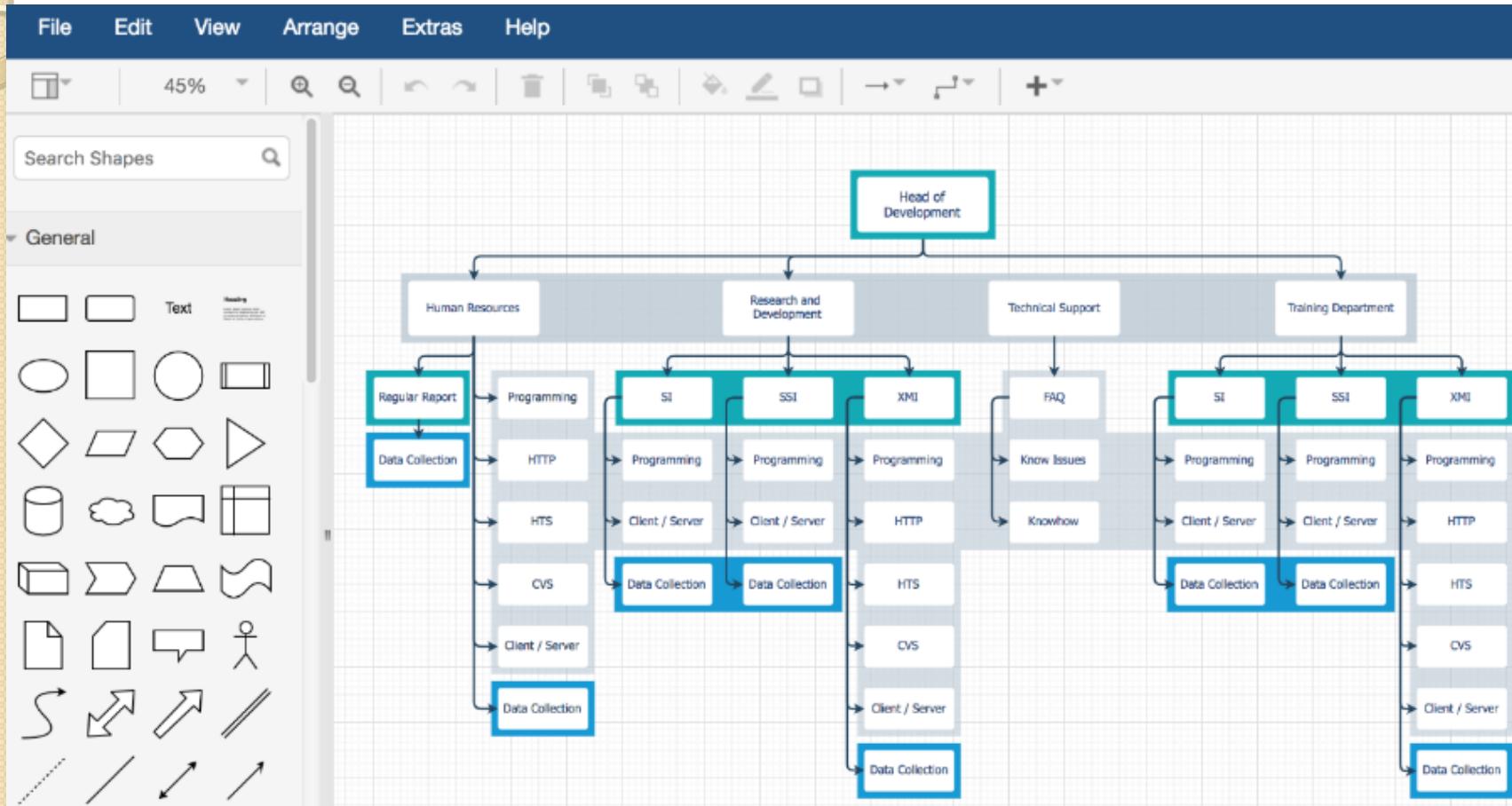
Rack diagram

Document the layout of your server racks



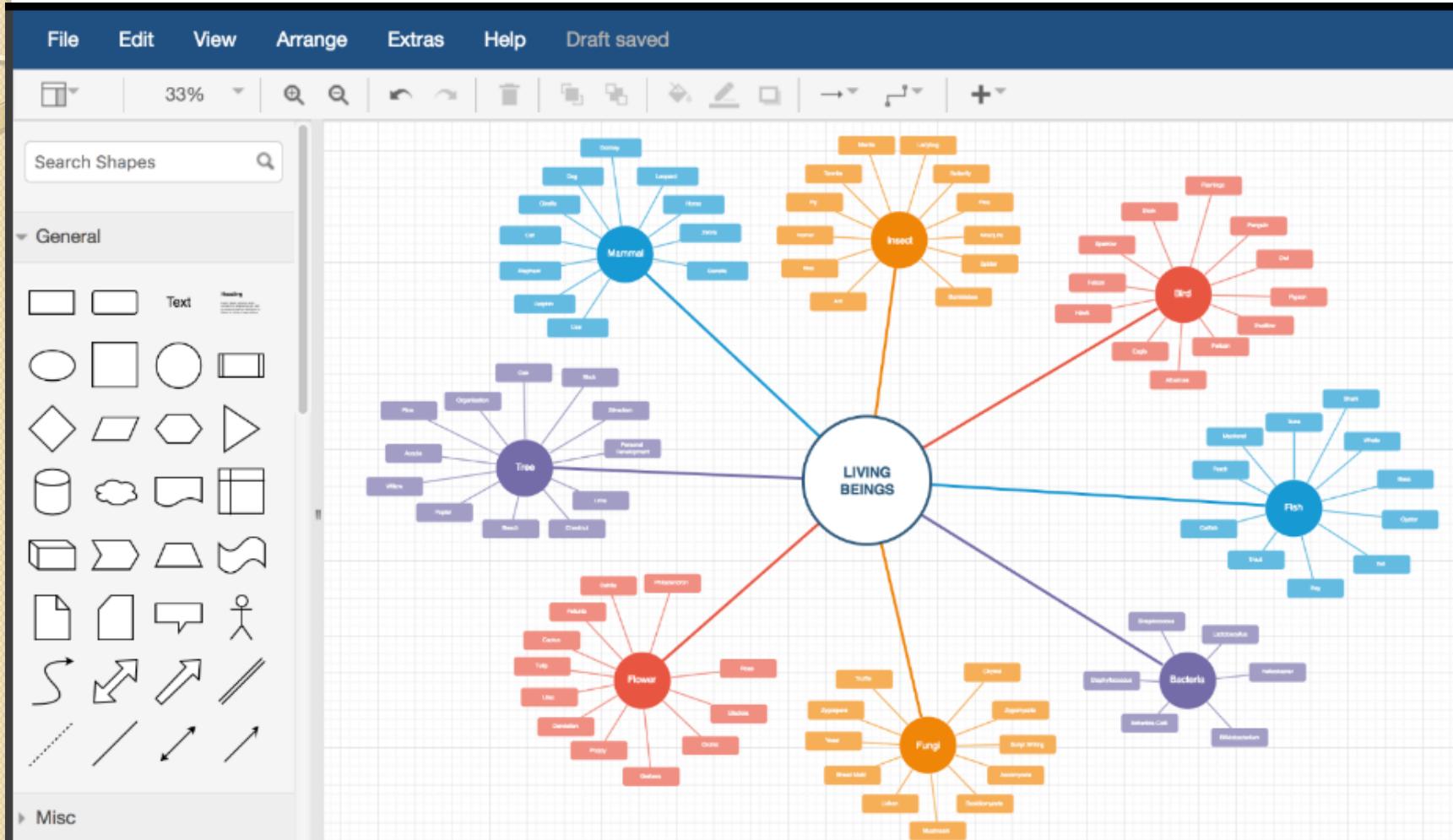
Tree diagram

Visualize your company's hierarchy as an organization chart



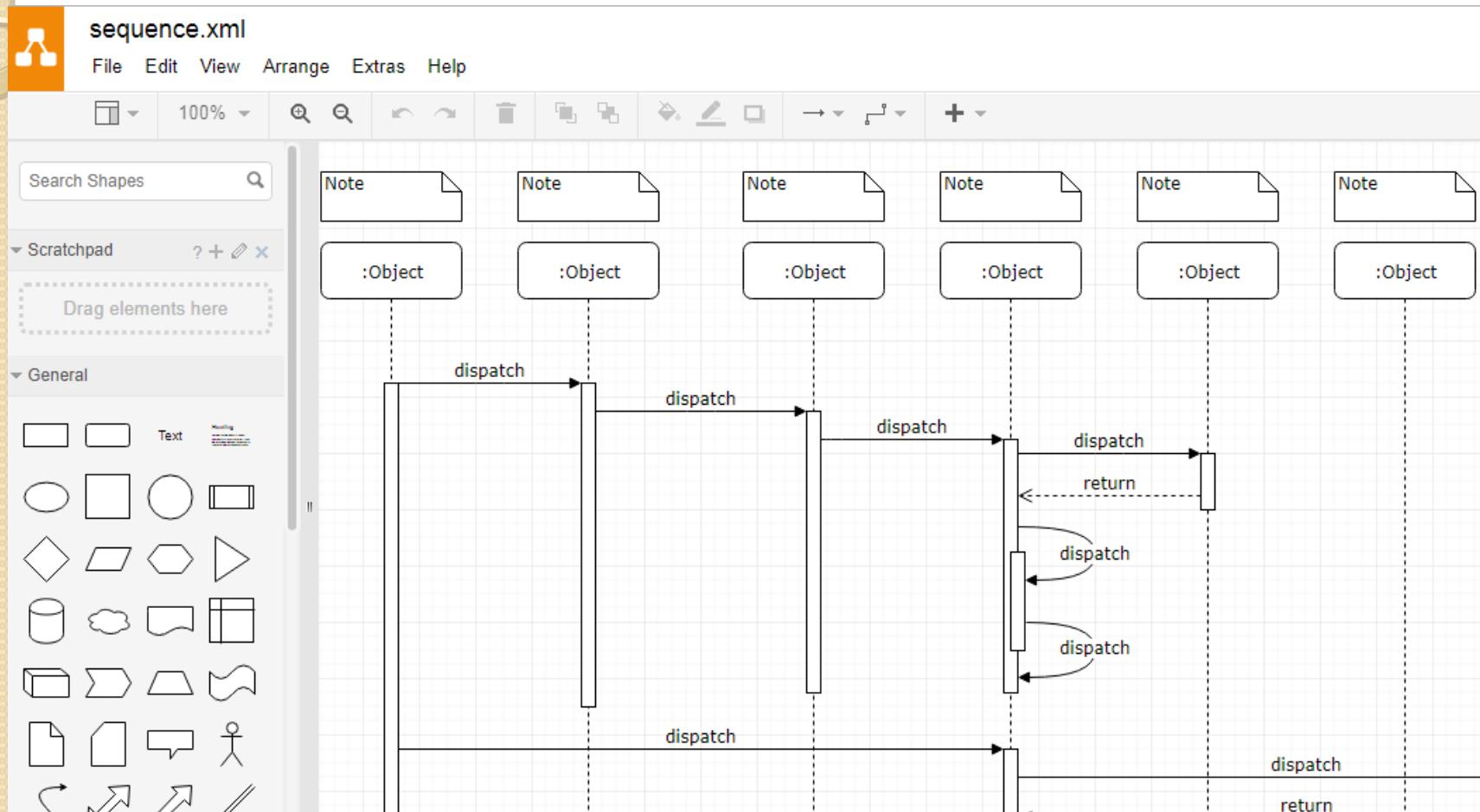
Mindmap

Categorize topics and map connections



Sequence diagram

Document how objects interact over time



SWOT (FODA)

Structure and visualize your business and project planning

File Edit View Arrange Extras Help Draft saved

70% Search Shapes

General

Misc

SUBJECT DESCRIPTION

SWOT ANALYSIS

- internal strength 1
- internal strength 2
- internal strength 3
- internal strength 4
- internal strength 5
- internal strength 6
- internal strength 7
- internal strength 8
- internal strength 9
- internal strength 10

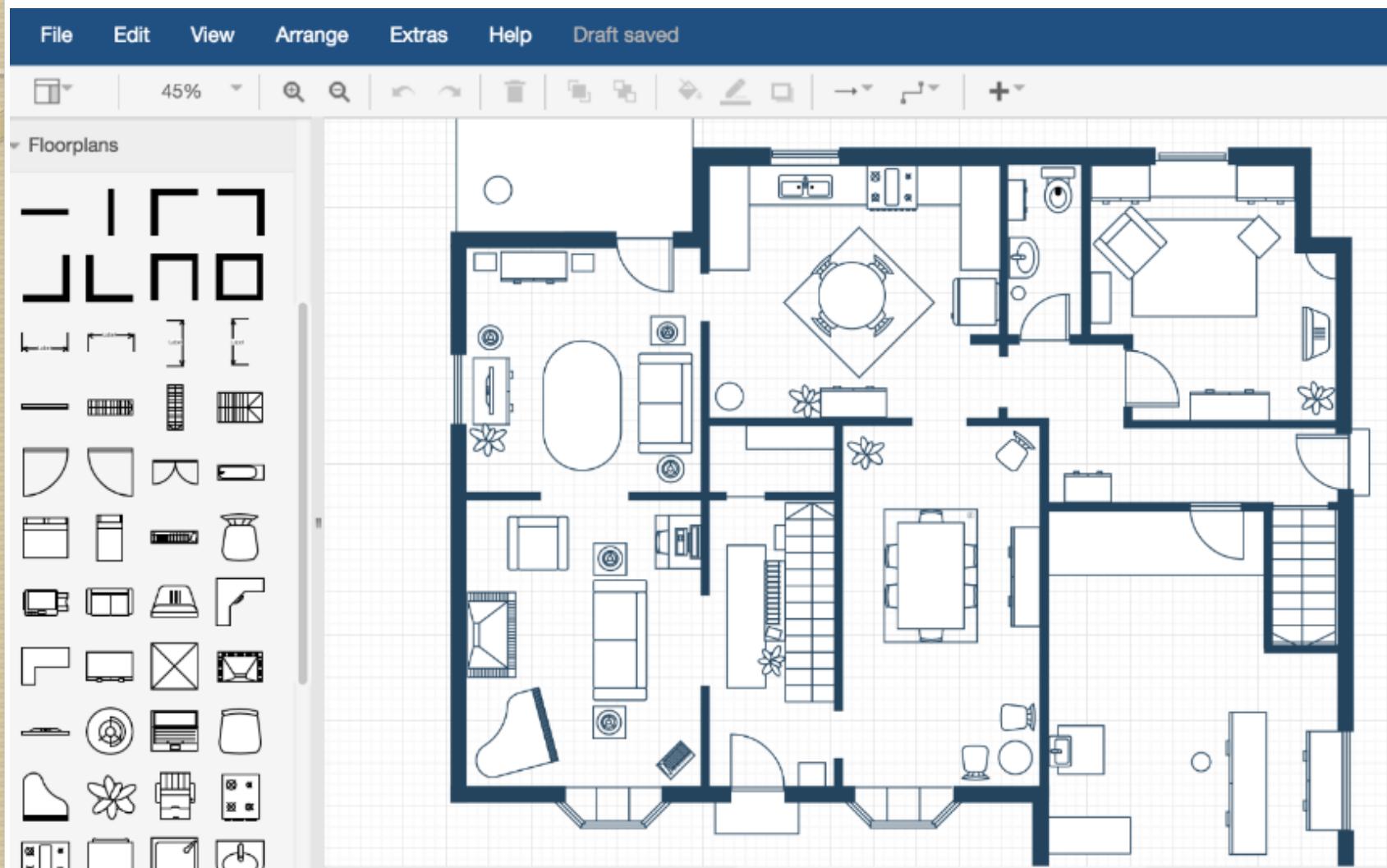
- internal weakness 1
- internal weakness 2
- internal weakness 3
- internal weakness 4
- internal weakness 5
- internal weakness 6
- internal weakness 7
- internal weakness 8
- internal weakness 9
- internal weakness 10

- external opportunity 1
- external opportunity 2
- external opportunity 3
- external opportunity 4
- external opportunity 5
- external opportunity 6
- external opportunity 7
- external opportunity 8
- external opportunity 9
- external opportunity 10

- external threat 1
- external threat 2
- external threat 3
- external threat 4
- external threat 5
- external threat 6
- external threat 7
- external threat 8
- external threat 9
- external threat 10

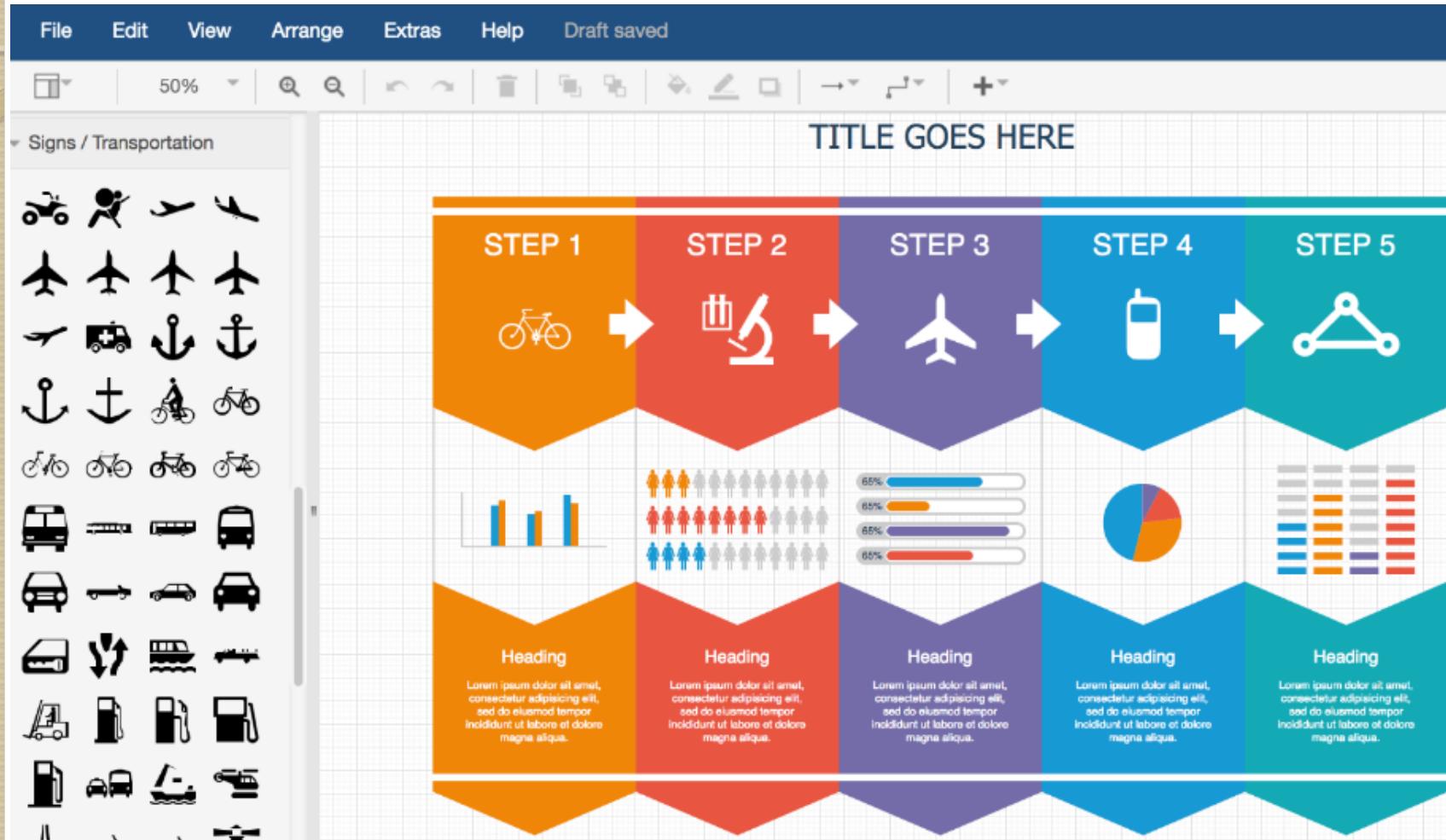
Floor plan

Draw floor plans to optimize your work and living spaces



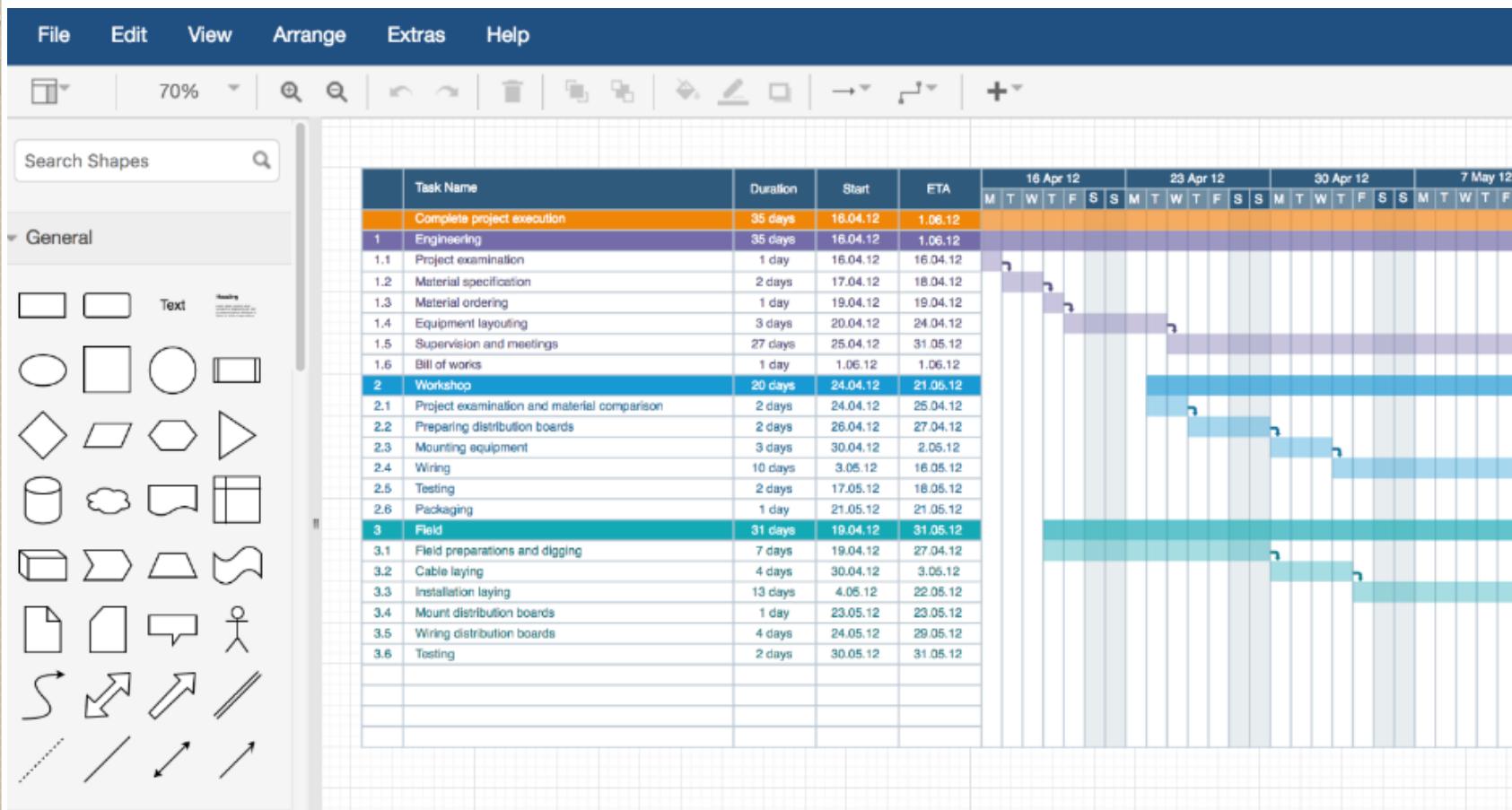
Infographic

Present information visually and vividly



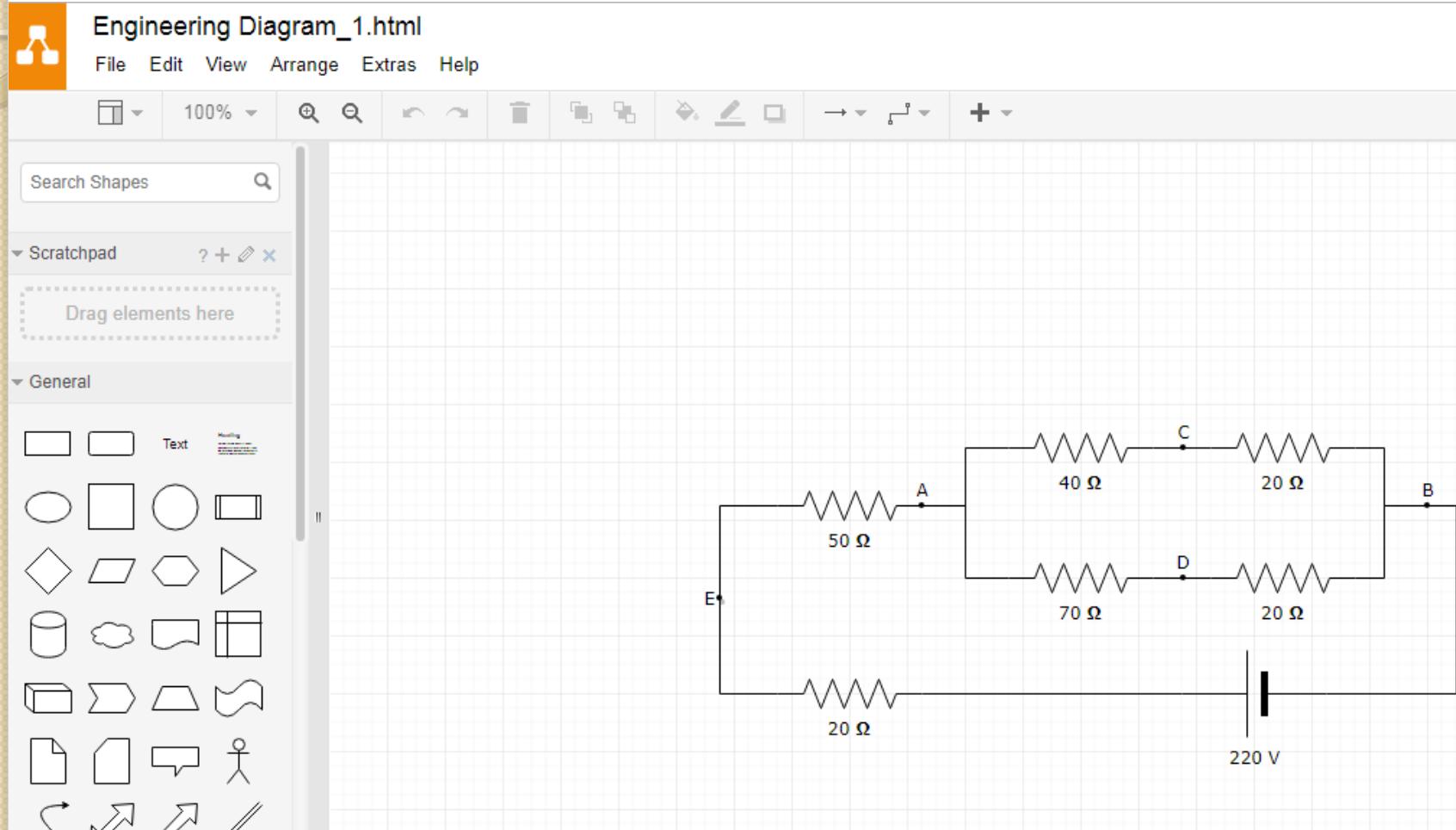
Gantt chart

Visualize project steps, dependencies and deliverable dates



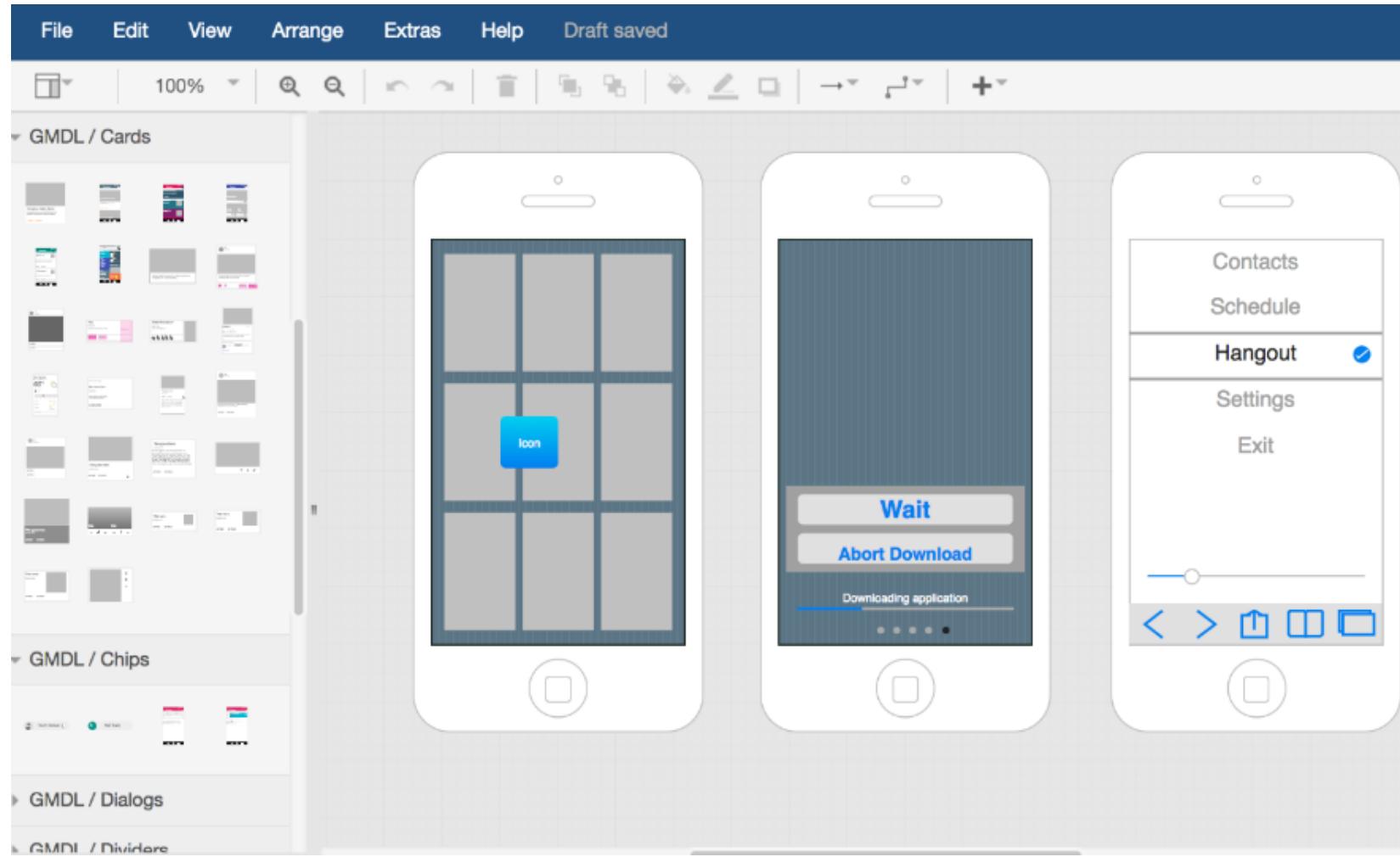
Electrical diagram

Plan electrical processes and circuit boards



Mockup for a mobile app

Create mockups for digital user interfaces

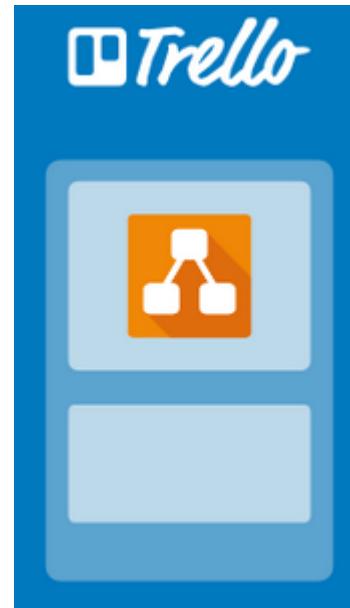


Agregar un diagrama a una Trello Card

- Muchas empresas usan Trello para la administración de tareas: equipos de desarrollo de software, administración comercial, equipos de marketing, mesas de ayuda, entre otros. Así, todos los departamentos pueden aprovechar las poderosas características de Trello para coordinar sus proyectos.

Agregar un diagrama a una Trello Card

- Es posible adjuntar diagramas de draw.io directamente a CARDS utilizando el Power-Up de la aplicación draw.io para Trello. Esto ahorra tiempo a todos: no tiene que buscar en unidades compartidas o su intranet, sino simplemente trabajar con diagramas **directamente** sobre la Card.



Buscar el Power-Up...



draw.io – Show Trello menu

The screenshot shows the draw.io application interface with the Trello menu open. The menu includes options like 'use cases', 'feedback and suggestions', and 'card...'. A large 'Add a list...' button is visible. The top right corner features social sharing icons and a 'Show Menu' button, which is highlighted with a yellow border.

Trello

use cases

feedback and suggestions

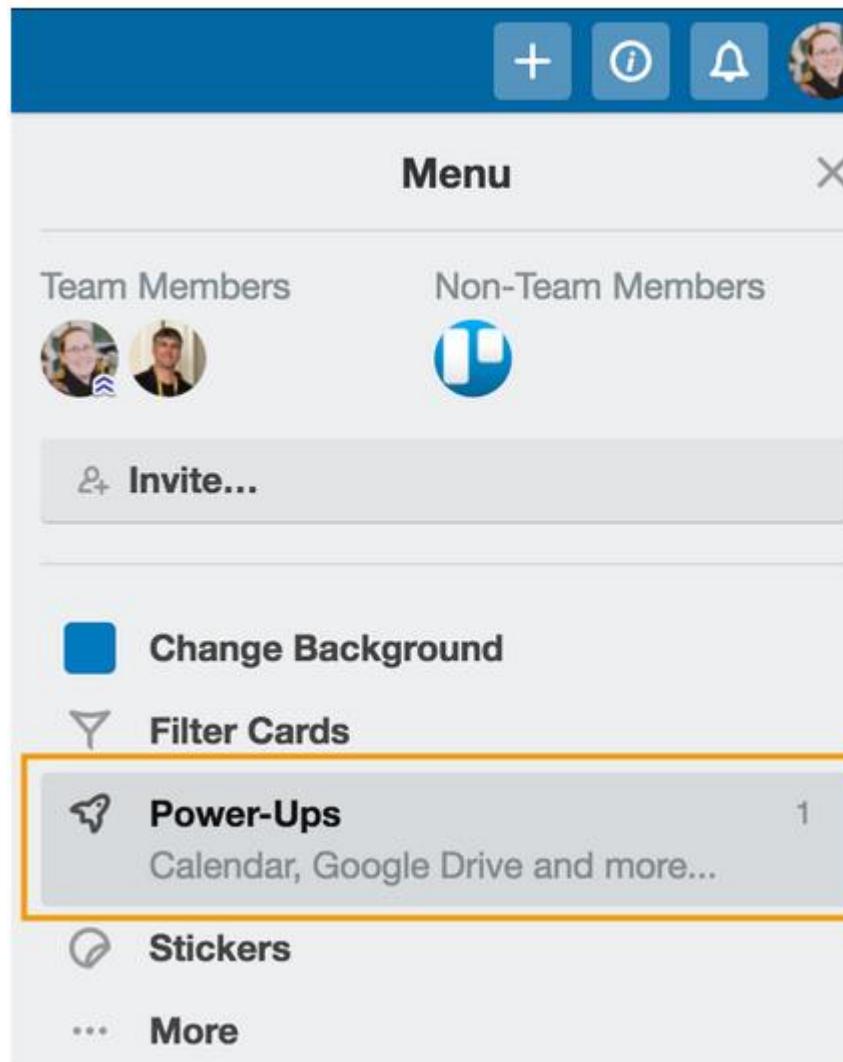
card...

Add a list...

Show Menu

Buscar el Power-Up...

draw.io – Show Trello Power-Ups



Habilitar el Power-Up de draw.io

Enable the draw.io Power-Up in Trello

The screenshot shows the Trello Power-Ups settings interface. At the top, there's a blue header bar with a '+' button and social media sharing icons (Facebook, Twitter, etc.). Below it, the main title is 'Power-Ups' with back and close buttons. The first item listed is 'Costello' with the message 'Unable to load Power-Up'. The next three items are listed below:

- Custom Fields** (with a purple icon) - **Enable** button. Description: 'Keep your cards organized! Add text, date, dropdown fields to bring order to your most important...'
- Deadlines by Elegantt** (with a red circular icon) - **Enable** button. Description: 'Deadlines by Elegantt.com Power-Up lets you visualize your Trello due dates at a single glance...'
- draw.io** (with an orange icon) - **Enable** button. Description: 'draw.io is a free diagramming Power-up that enables you to draw a wide range of diagrams includ...'

Agregar un diagrama a una Card

draw.io – add a diagram to a Trello card

The screenshot shows a Trello card interface. The card title is "Document the workflow" and it is in the "In progress" list. The card body contains a comment from Kymberly Fergusson (@davidbenson14) stating "Working on it!" posted 39 minutes ago. Another comment from David Benson says "Add diagram to the documentation" posted Nov 15 at 11:19 AM. On the right side, there is an "Add" sidebar with options like Members, Labels, Checklist (which is checked), Due Date, and Attachment. Below that is a "Power-Ups" sidebar where "draw.io" is highlighted with an orange border. Further down are "Actions" like Move, Copy, Subscribe (which is checked with a green checkmark), and Archive. At the bottom, there is a "Share and more..." link.

Indicamos nombre y tipo de diagrama

draw.io in Trello – name your new diagram

The screenshot shows a Trello card titled "Document the workflow" in the "In progress" list. The card has an "Edit the description..." field, an "Add Comment" section with a comment from Kymberly Fergusson (@davidbenson14) stating "Working on it!", and an "Activity" section showing a comment from David Benson (@davidbenson14) with a link to "Add diagram to the documentation". A power-up menu is open on the right, showing options for Members, Labels, Checklist (which is checked), Due Date, Attachment, and draw.io. The draw.io option is selected, and a sub-menu is open for creating a new diagram, asking for a "Diagram Name" (set to "Activity diagram") and a "File Type" (set to "XML"). A "Create" button is at the bottom of this sub-menu.

Document the workflow
in list [In progress](#) [Edit the description...](#)

Add Comment

Kymberly Fergusson
@davidbenson14 Working on it!

39 minutes ago - [Edit](#) - [Delete](#)

Activity

David Benson
Add diagram to the documentation

Nov 15 at 11:19 AM - [Reply](#) - [Delete](#)

Add

- Members
- Labels
- Checklist
- Due Date
- Attachment

Power-Ups

draw.io

Create a New Diagram... [X](#)

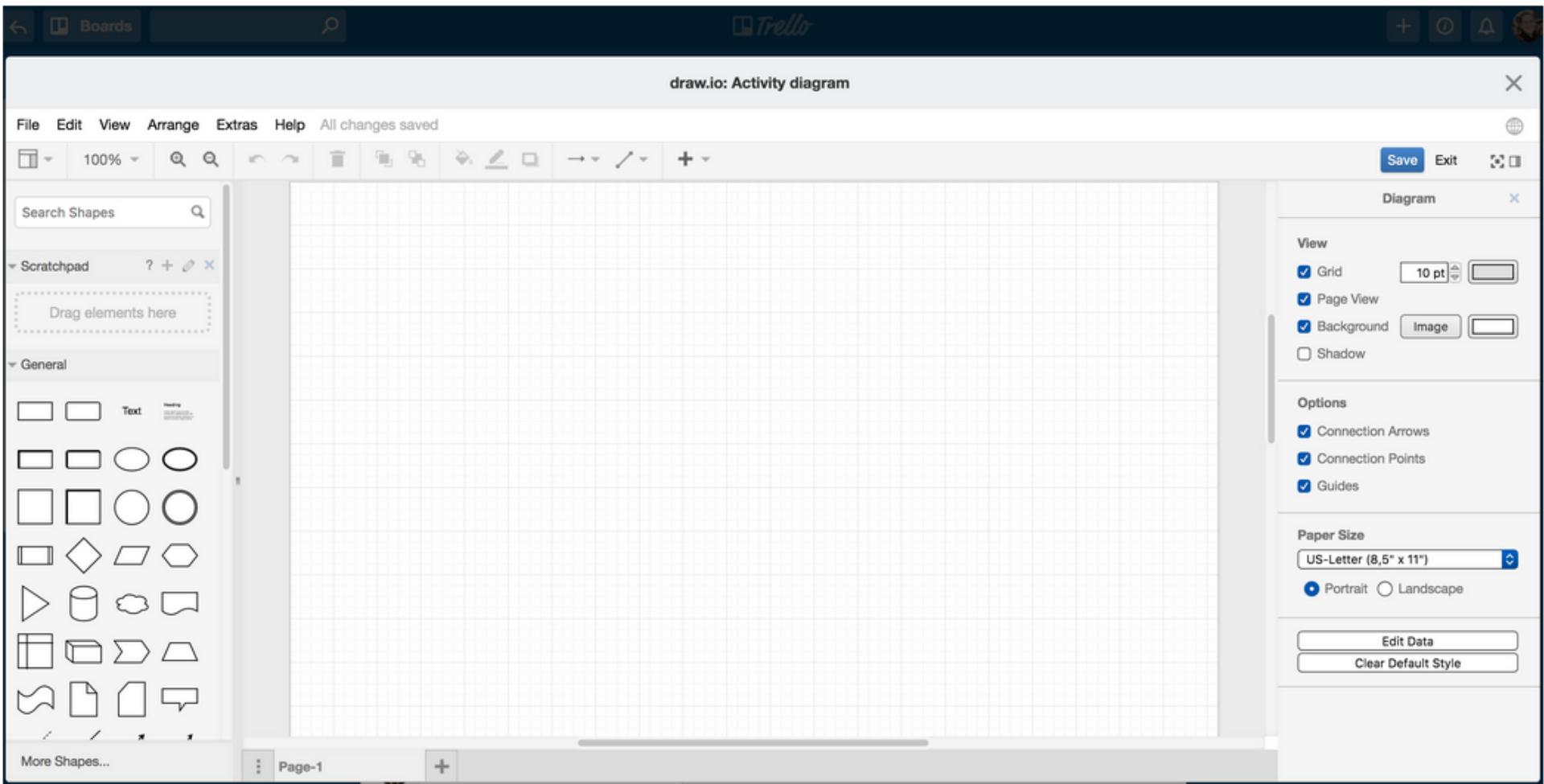
Diagram Name
Activity diagram

File Type
XML

Create

Lo dibujamos dentro de Trello

draw.io in Trello – start diagramming



Una vez guardado, lo veremos en nuestra Card

draw.io diagram within a Trello card

The screenshot shows a Trello card interface. At the top, the card title is "Mockup the interface - phone and watch wireframes" and it is in the "In progress" list. Below the title, there is a link to "Edit the description...". On the left side of the card, there is a section titled "draw.io Diagrams" which contains a thumbnail of a "Habit Tracker - interface mockup.drawio" diagram. This entire "draw.io Diagrams" section is highlighted with a red rectangular box. To the right of this section, there are several buttons for "Add" (Members, Labels, Checklist, Due Date, Attachment) and "Power-Ups" (draw.io). At the bottom of the card, there is a "Save" button.

Mockup the interface - phone and watch wireframes
in list [In progress](#)

[Edit the description...](#)

draw.io Diagrams [Remove...](#)

Habit Tracker - interface mockup.drawio

[Download](#) [Edit](#)

[Add Comment](#)

Write a comment...

[Save](#)

Add

- Members
- Labels
- Checklist
- Due Date
- Attachment

Power-Ups

- draw.io

Actions

- Move

En nuestro Tablero, las Cards que posean un diagrama tendrán el logo de draw.io

draw.io and Trello work perfectly together

The image shows a Trello board titled "Habit tracking app". The board has three columns: "To do", "In progress", and "Done". In the "In progress" column, there are three cards, each with a draw.io logo (a small icon of a document with a grid) highlighted with a red box. The cards are:

- Mockup the interface - phone and watch wireframes
- Define the data structures
- Document the workflow

The "Done" column contains one card:

- Define use cases

The "To do" column contains several cards:

- Design the interface
- Program the Habit Tracker
- Test the app (with 1 comment)
- Write in-app help (with 1 comment)
- Test with small beta group of users (with 1 comment)
- Prepare content for App Store listing (with 1 comment)

At the bottom left, there is a button "Add a card...". On the right side of the board, there is a button "Add a list...".

¿Para qué sirve un diagrama de draw.io en una Trello Card?

- **Desarrollo de Software:** documentar procesos, flujos de datos, interacciones del usuario, estructuras de datos, maquetas y más, directamente en las tarjetas de tareas.
- **RRHH:** Crear un Tablero en Trello de incorporación y proporcionar diagramas de flujo para procesos de trabajo importantes y organigramas que permitan ayudar a los nuevos empleados a ponerse al día rápidamente.
- **Servicios de IT:** mantener un Tablero que documente los sistemas importantes con diagramas de rack, diagramas de arquitectura de red y más.
- **Marketing:** Crear infografía y asociarlas a tareas.
- **Consultorías:** facilitar a los clientes la visualización de los servicios que se ofrecen: utilizar diagramas de flujo y diagramas explicativos en un Tablero de Trello que puede compartirse con los clientes.