

# LB SyDatalab

## Overall

SyDatalab is the new web application developed by the Nexora Team to replace DataLab 1.0.

## Business

### Pain Points

Theme	Business Pain Points	IT Pain Points
User Access Management	Difficult to share access in GoogleDrive to single Googsheets to access data	Difficult to maintain user access list in a GoogleSheet
Share Data info	Slow process to share or request information via emails or chats or meetings	Complicated to tackle in DataLab 1.0
Data Formatting	No time or resources to manipulate/format data for further analysis Long time to create reports or presentations	Complex needs for customized visualization
Time to have data	Slow access to all data with visualization	Long development time
Too many scopes	R&I evolves and grows quickly	Too many scopes to be handled one-by-one

## Target Groups

### Workflows

High level diagram link

All R&I, the ones that will have access based on DataLab Features delivery:

2024	2025
Aroma	Compounding Seed care Solvent PIB Coatings

### Personas

R&I Lab Workers	R&I Non-Lab Workers
Technicians or Researchers or Engineers or Interns or Contractors or Apprentices who conduct lab experiments	Engineers, Lab Managers, Researchers who analyze lab data but do not conduct lab experiments

## Strategic Objective

SyDatalab MUST BE:

What	How
Product Feature Base	Viz Standardization
Configurable by the users and the admins	Intuitive setup
1 visualization page that covers X% of our use cases	

Feature Syensqo branding	
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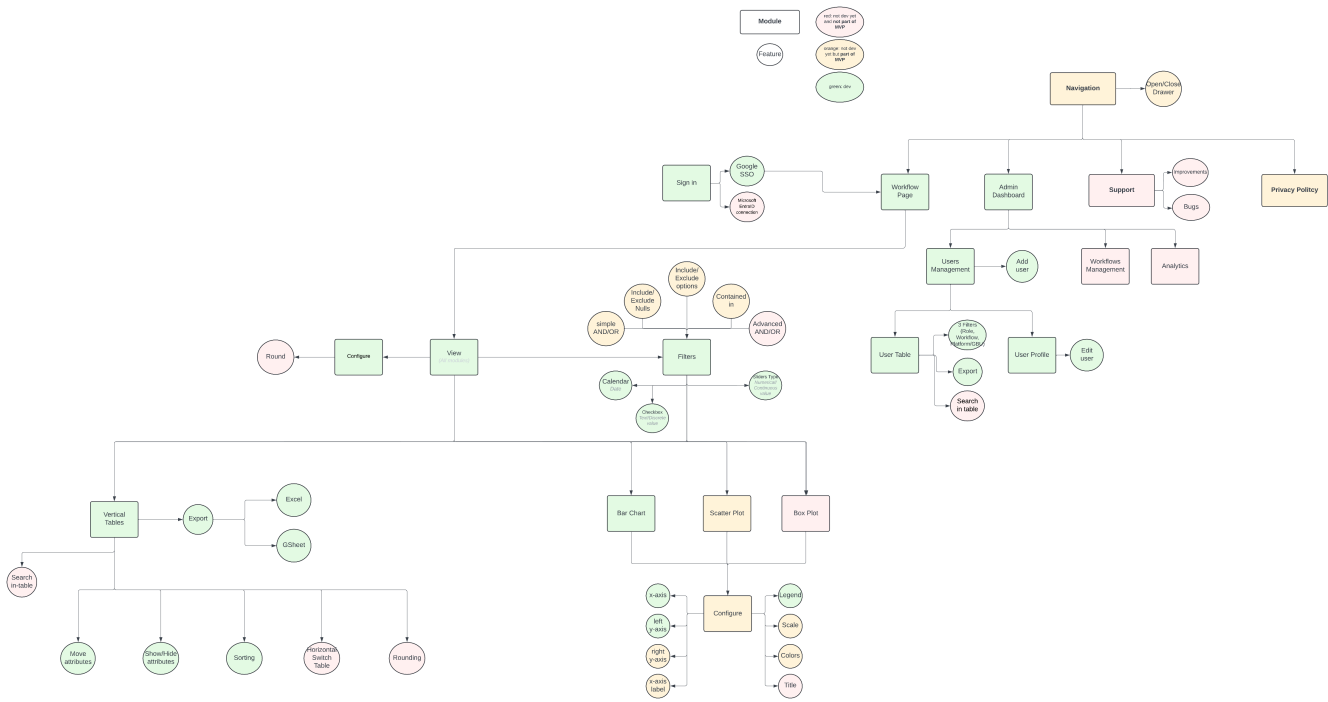
SyDatalab CANNOT BE:

What	How
A new BI tool	Simple app with limited features
Complex Setup or configuration	Minimum setup
Feature rich	

## Squad Mission

"DataLab 2.0 pioneers of the future of the web application for R&I data analysis by developing an intuitive, configurable, and customizable plug-and-play application. This tool allows R&I researchers to consult, search, and analyze data generated by Syensqo R&I labs, enhancing team collaboration, accelerating time to market, and reducing customer response times and experiment duplication. The web app streamlines lab data analysis, enhancing researchers' insights, efficiency, and innovation aiming for a full adoption rate that generates a *15% lab productivity improvement, 10% non-duplicated lab experiments, and boosts the time to market by 5%*"

## Product Map



## Product Ideas

Googlesheet link

## Initiatives

issuekey	summary	issuetype	created	updated	duedate	assignee	reporter	priority	status	resolution
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## To be organized and documented :

### Data

- Data Should be taken directly from ELN
- We need to organise how we want to display the data and sync up with dev team

### Resources