

Content

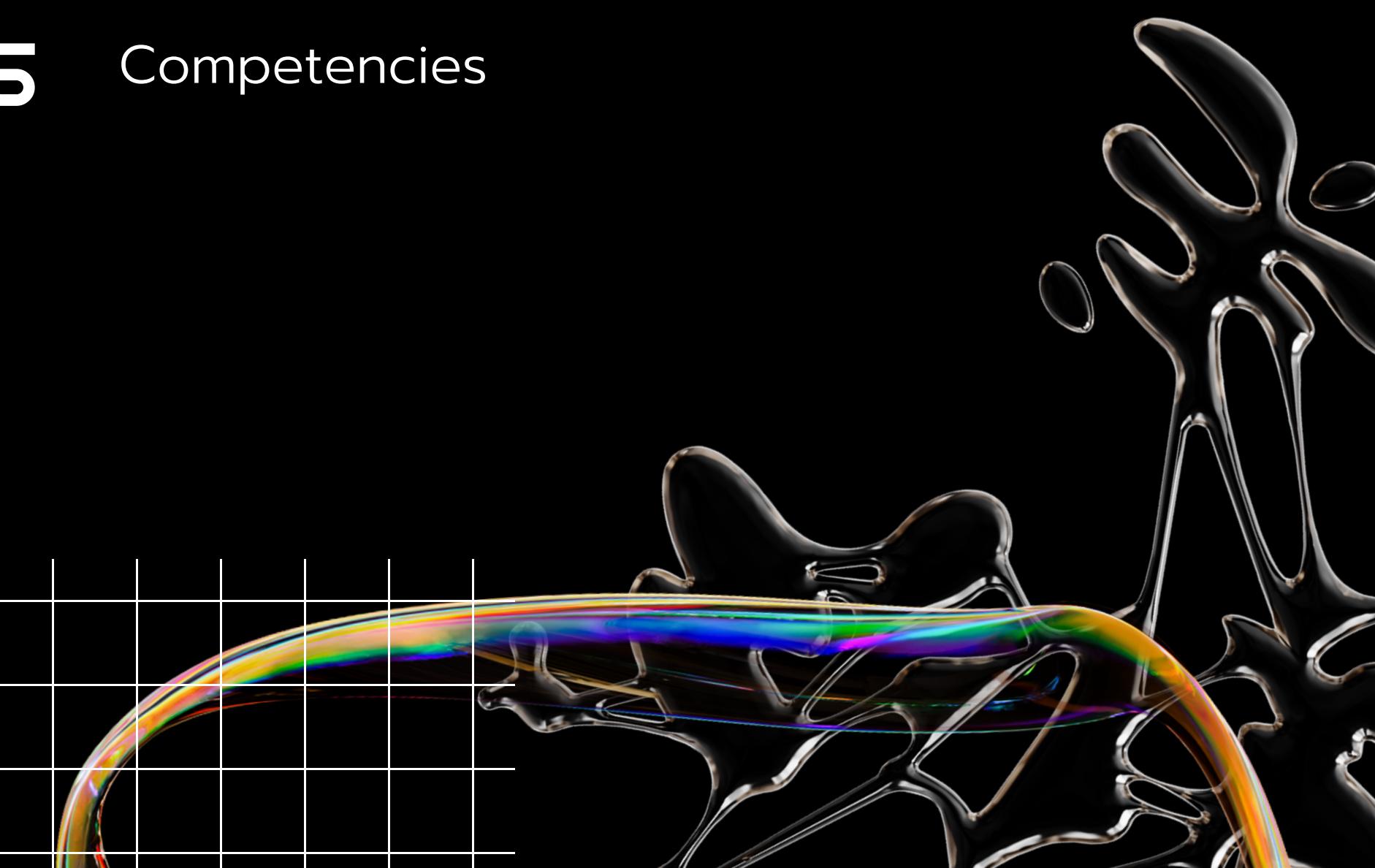
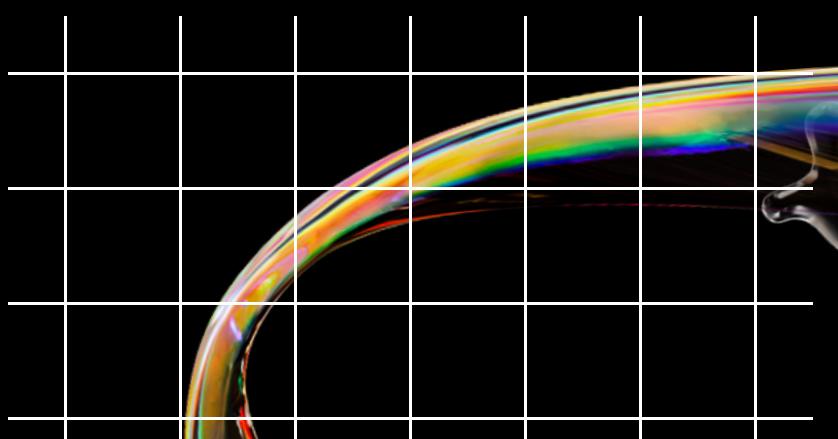
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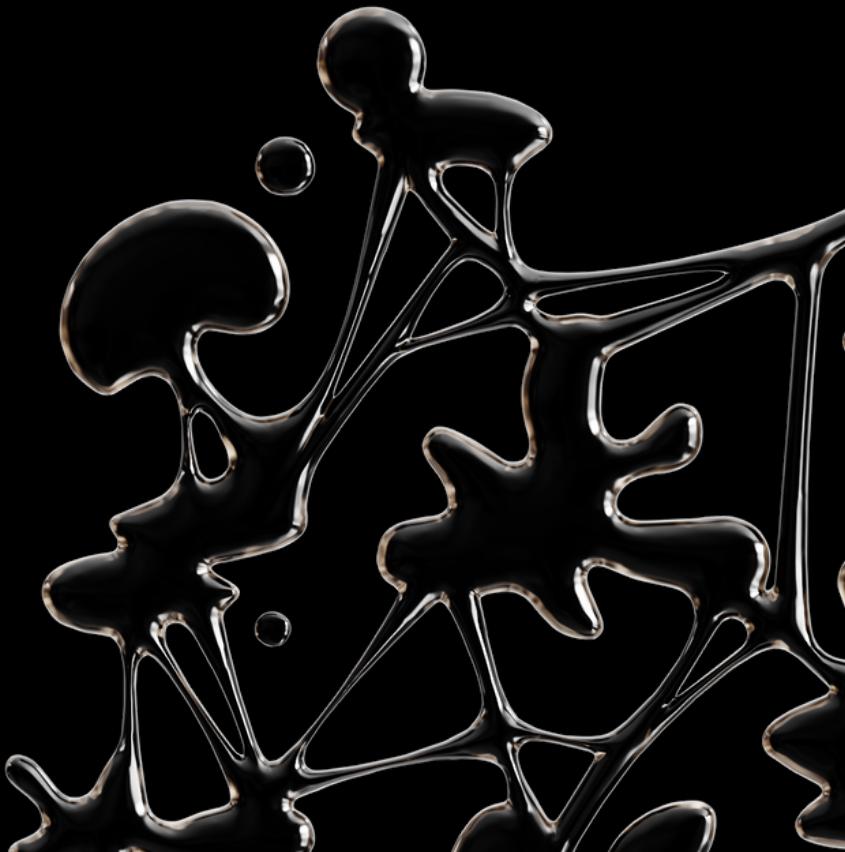
PRODUCT EVOLUTION

We have adapted, improved and evolved our product for this second delivery mostly focusing on:

- Requirement and feature refinements
- Deficiencies and contradictions fixes



REQUIREMENTS



REQUIREMENTS



REMOVED NON-FUNCTIONAL REQUIREMENTS:

1. The device that runs the software requires Internet access.
2. The database must be backed up every 48 hours.
3. The software will not take up more than 200 MB of space in the phone's memory.
4. The software must have a database stored in the cloud.
5. The system must have an availability time of no less than 5 business days a week.

REQUIREMENTS



ADDED AND UPDATED FUNCTIONAL REQUIREMENTS:

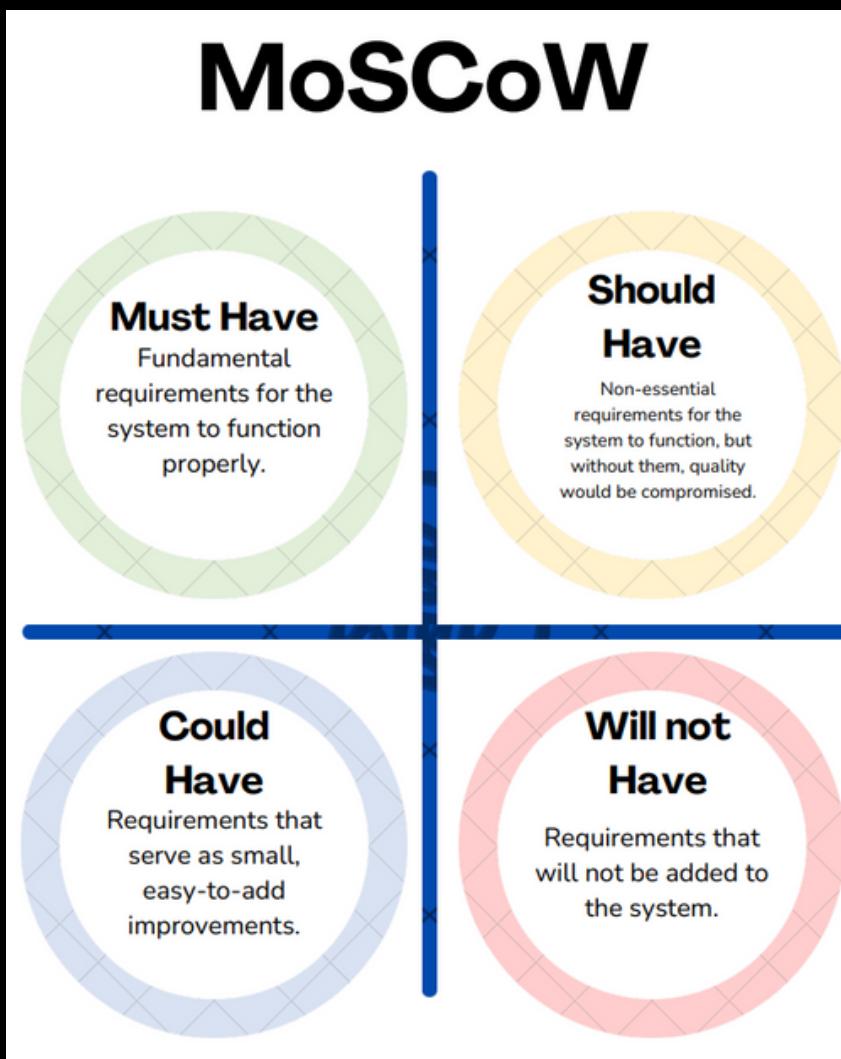
1. The workshop leader should be able to register in the system using an email the first time they log in
2. The administrator will be able to register users so that they can access the company's database from the system. This will be done using the user's email and assigning a password.



REMOVED FUNCTIONAL REQUIREMENTS:

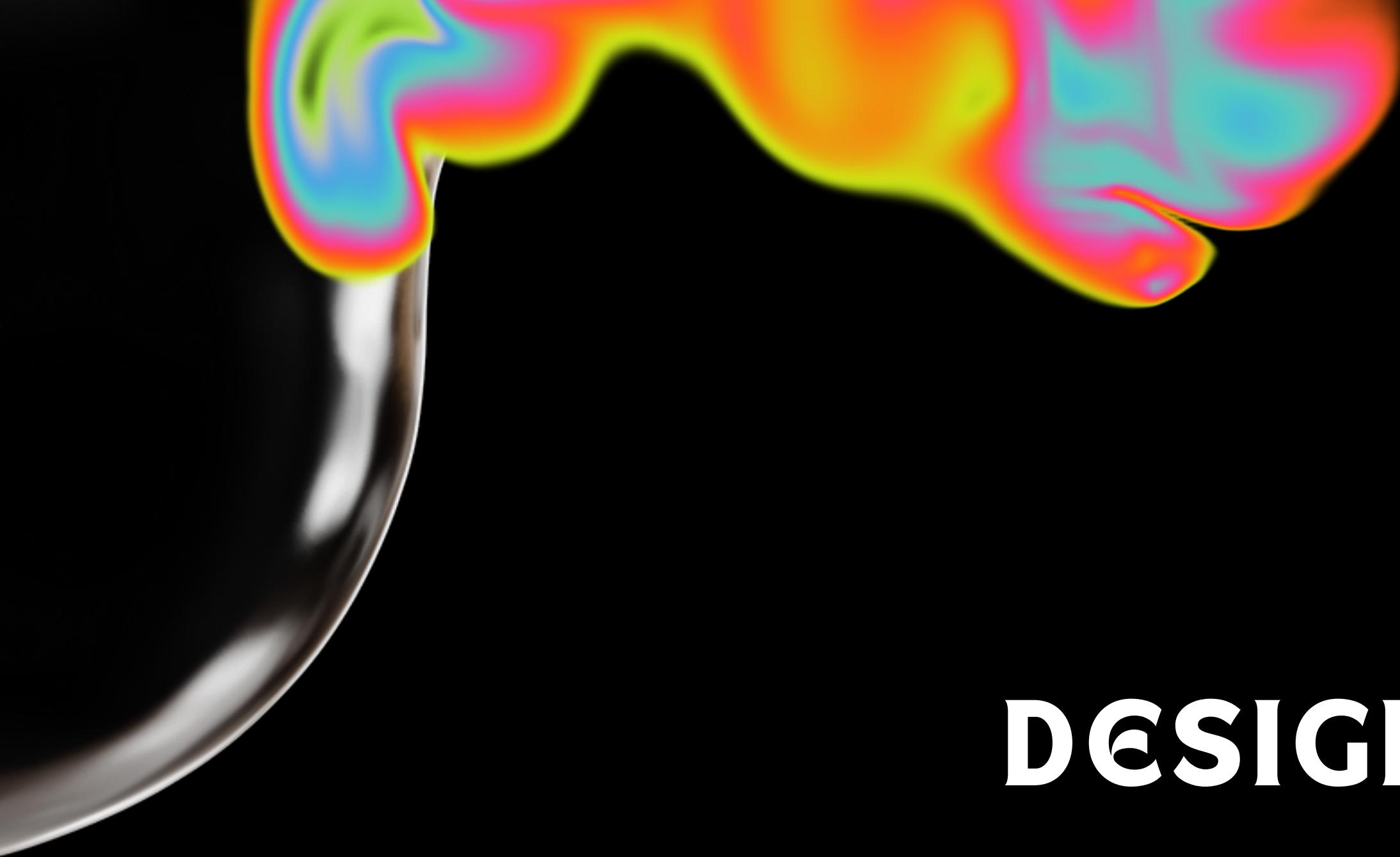
1. The user will be able to mark service orders as active while the order is still in process. In this state the user will have the ability to modify the data entered for the job.

New requirements table and prioritization

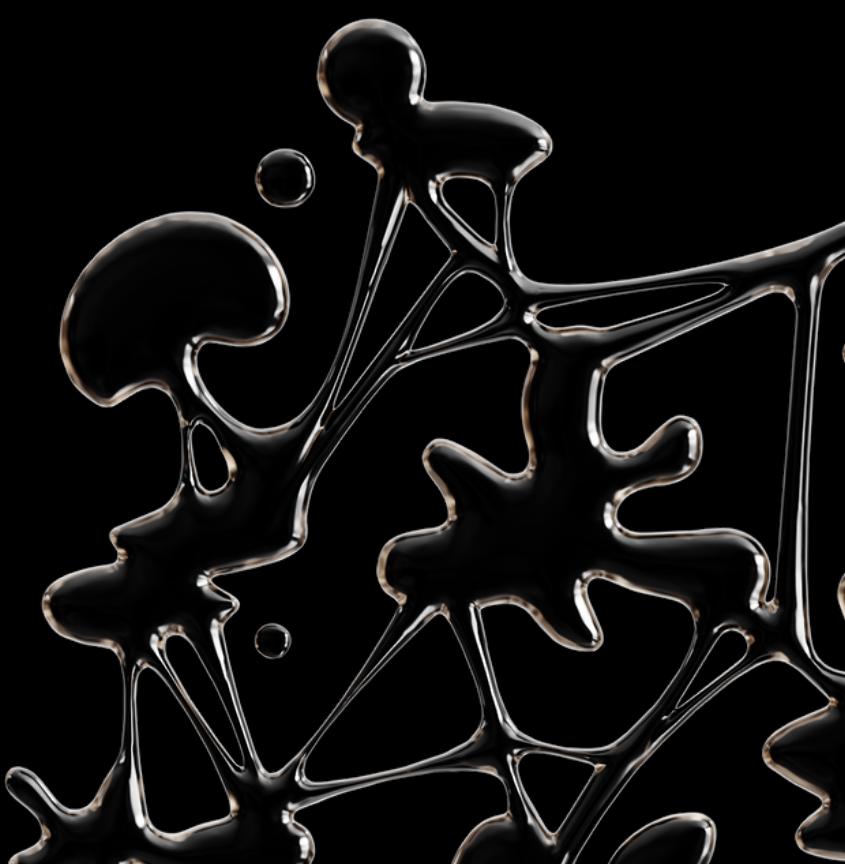


Requirements Table

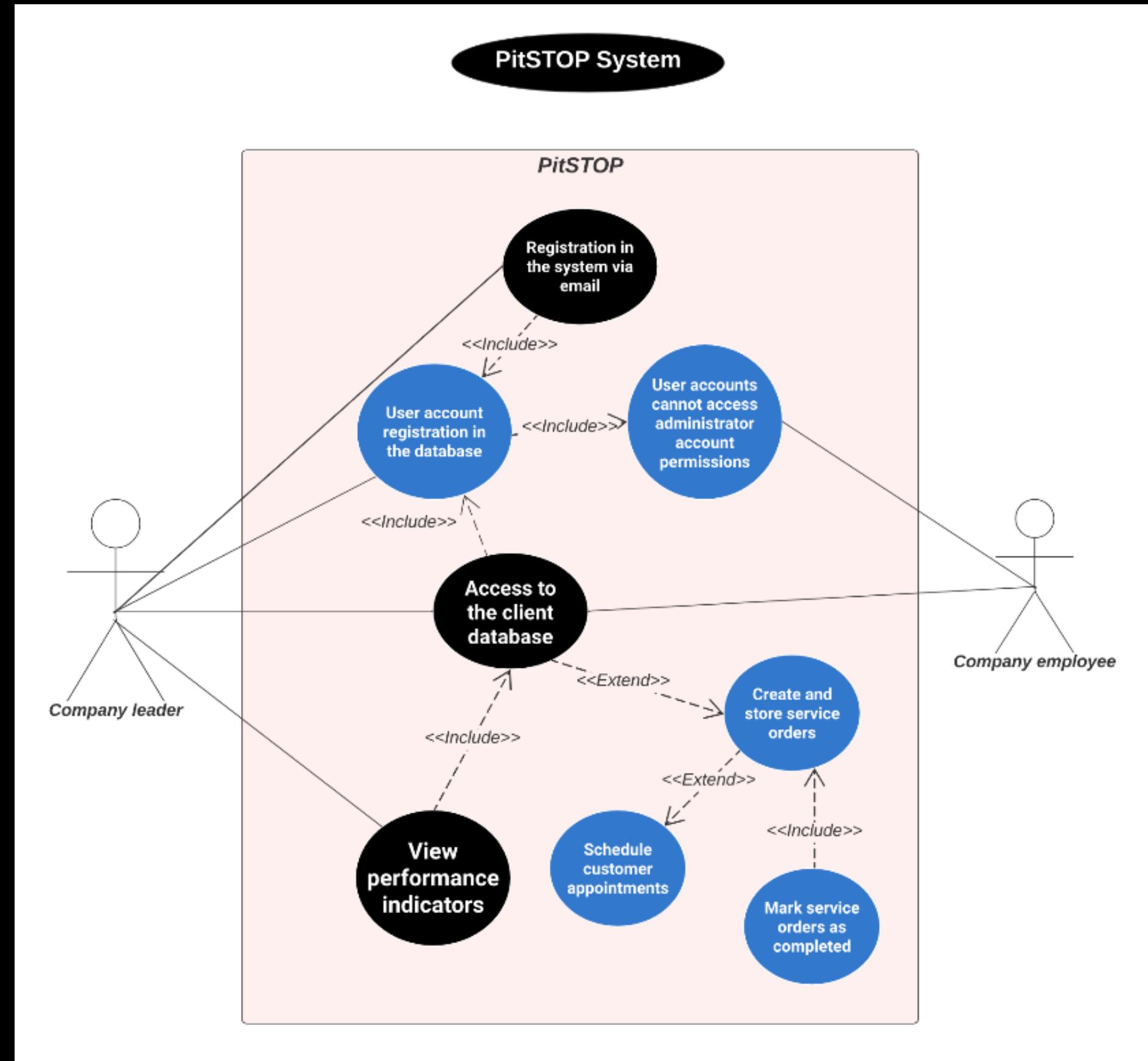
Functional Requirements	Non-Functional Requirements
The workshop leader should be able to register in the system using an email the first time they log in.	The system will be designed for Android-based mobile devices.
The workshop leader must be able to manage and restrict user database access permissions, including both read and write access, through user profiles, differentiating between workers and the administrator (workshop leader) using a unique ID and a password assigned by the workshop leader for each one.	The software should be able to support up to 10 simultaneous accesses to the database.
The system will have a database containing customers' personal data. It should be able to store the customer's name, phone number, address, and email, as well as their vehicle information (make, model, VIN number, license plates, and mileage).	The software should be optimized to run on devices with a minimum of 4 GB of RAM and above.
The system will include a section for users to schedule appointments for clients. It should be able to record the appointment date and time, customer's name, and their service or request.	Data updates in the database should take less than 2 seconds.
The software will have the capability to store business service orders created by users. Each order can include the type of service provided, the customer's name, the service date, the mechanic's name in charge of the order, the parts used, and the final cost.	
Users can mark service orders as completed when finishing the task. In this state, all entered data will be permanent and not modifiable by the user.	
The workshop leader will be able to view the following performance indicators in the system: the number of vehicles that entered, the reason for their entry, and total earnings.	



DCSIGN



USC CASC DIAGRAM



FUNCTIONALITY PROTOTYPES

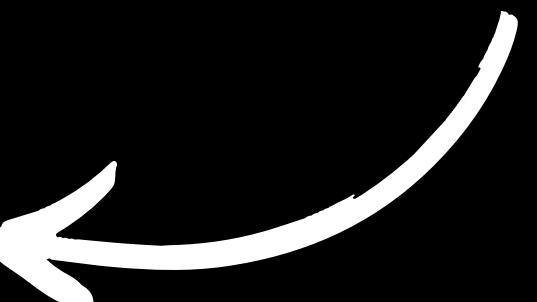
SIGN UP AND LOGIN SCREENS

The image displays three wireframe prototypes for PitSTOP's sign up and login screens, arranged horizontally. Each prototype is contained within a dark rectangular frame.

- Login Screen:** This screen features a large hexagonal logo at the top left with the text "PitSTOP" and a wrench icon. Below the logo are two input fields: "Username" and "Password". At the bottom are two buttons: "Login" and "Forgot Password". A link "Create new account" is located at the very bottom.
- Password reset:** This screen also features the PitSTOP logo at the top left. It has a single input field labeled "Enter E-Mail address". Below it is a descriptive message: "If the E-Mail is correct, we'll send you a new password to that address." A "Send" button is positioned at the bottom.
- New account:** This screen features the PitSTOP logo at the top left. It contains five input fields: "User name", "Password", "Password confirmation", "E-Mail", and "Workshop/business name". At the bottom is a single "Create account" button.

FUNCTIONALITY PROTOTYPES

MAIN MENU AND SERVICE ORDERS SCREENS

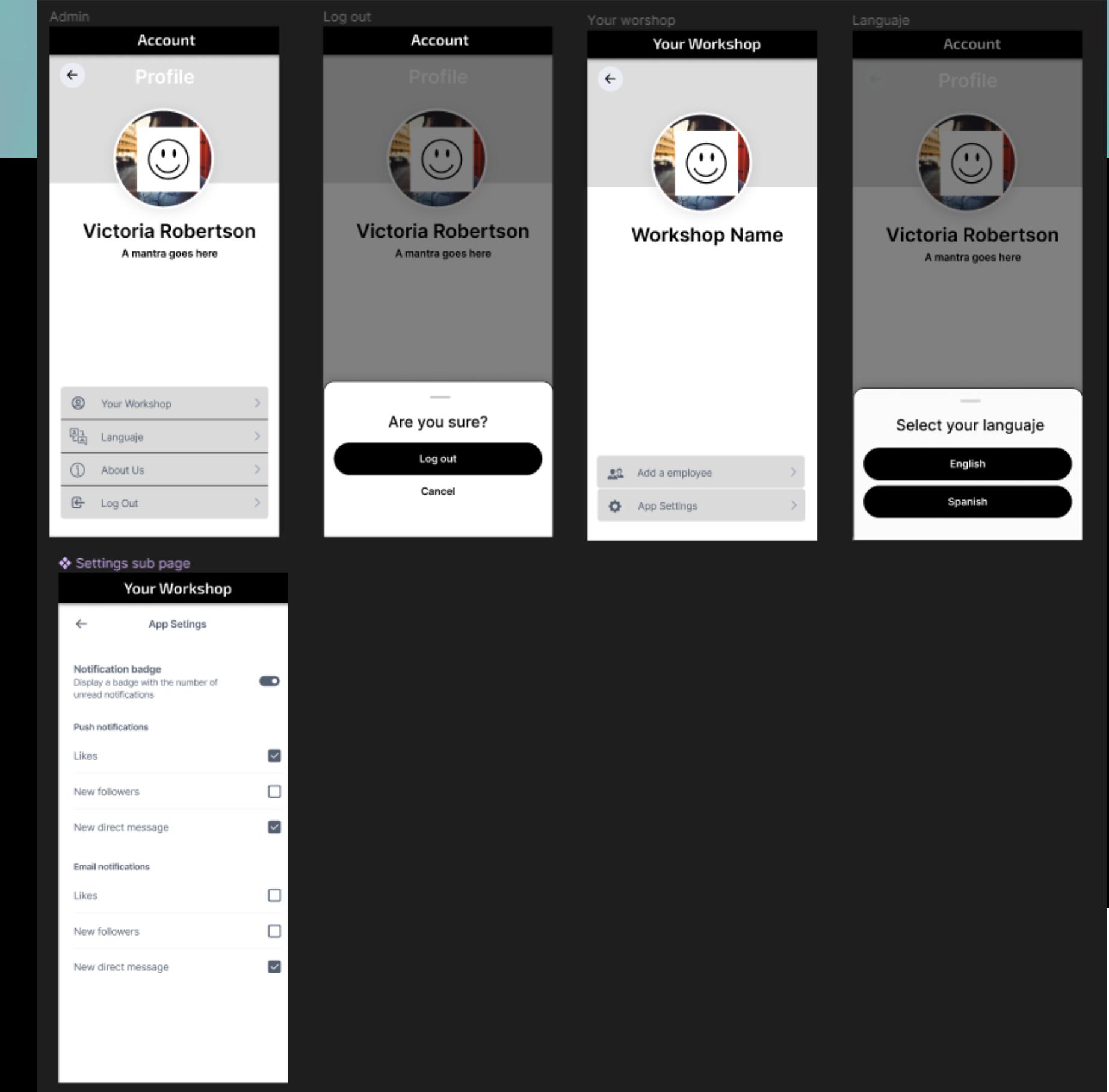


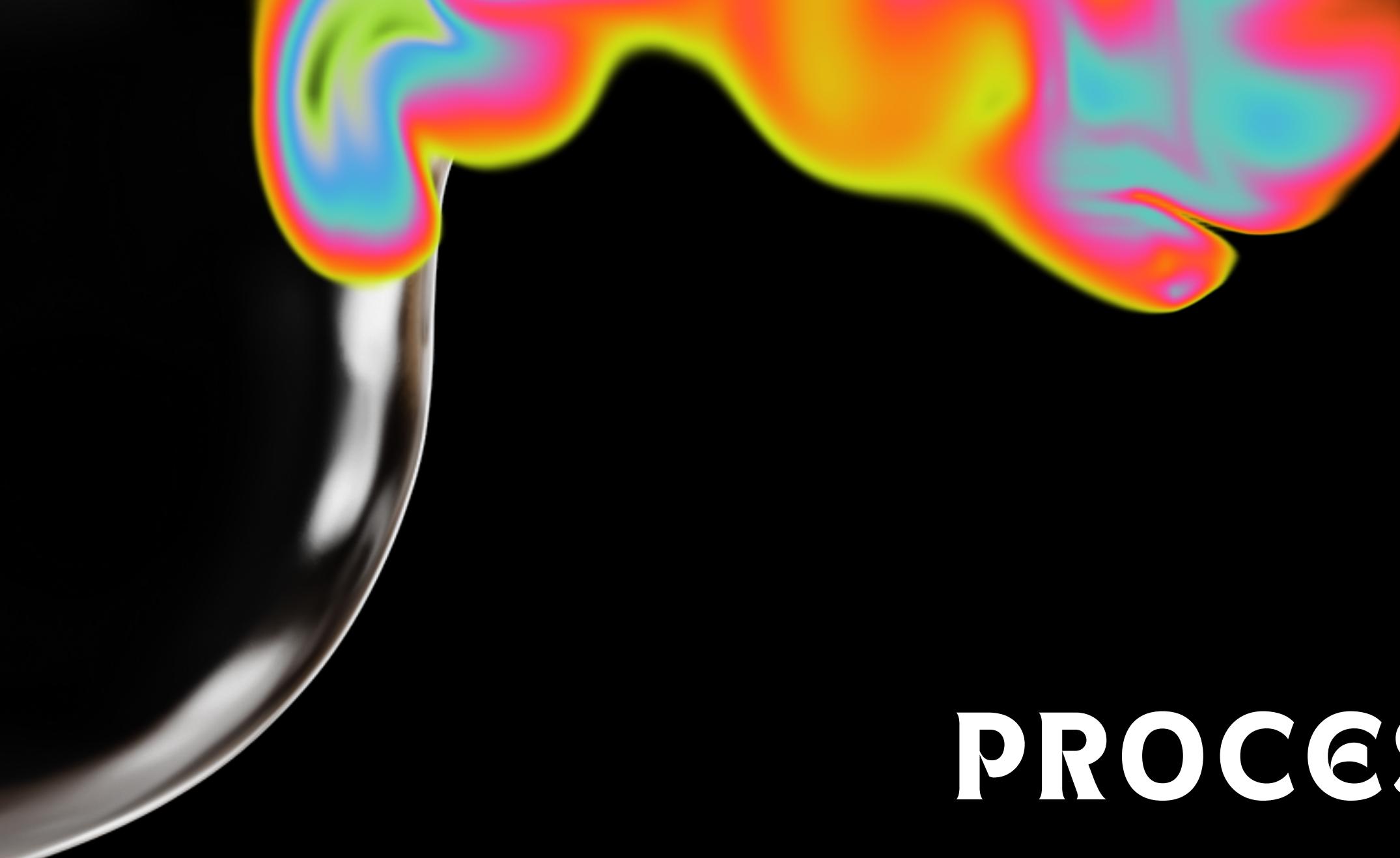
The image displays a grid of nine screens representing different functionality prototypes:

- Main Screen:** Shows a list of "Current Jobs" for clients like Jose Pablo Martinez.
- Order History:** Displays a list of past orders.
- Order View:** Shows details for Order #906.
- New order:** A form for creating a new service order, including fields for Client name, Vehicle information, and various service details.
- Metrics:** A dashboard showing expenses and a table of items with statistics.
- Open order y/n:** A screen asking if the data is correct, with "Yes" and "No" buttons.

FUNCTIONALITY PROTOTYPES

ACCOUNT AND CONFIGURATION SCREENS





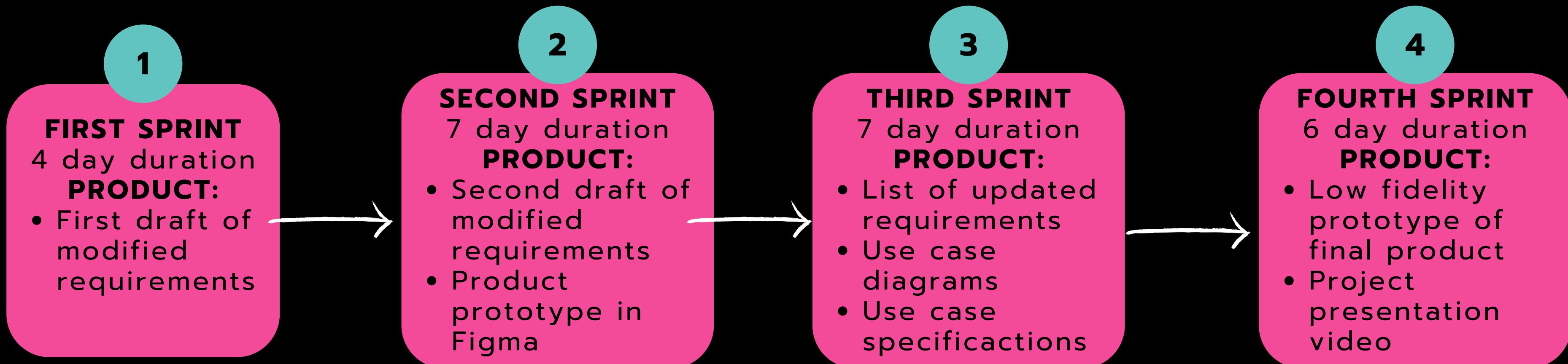
PROCESS

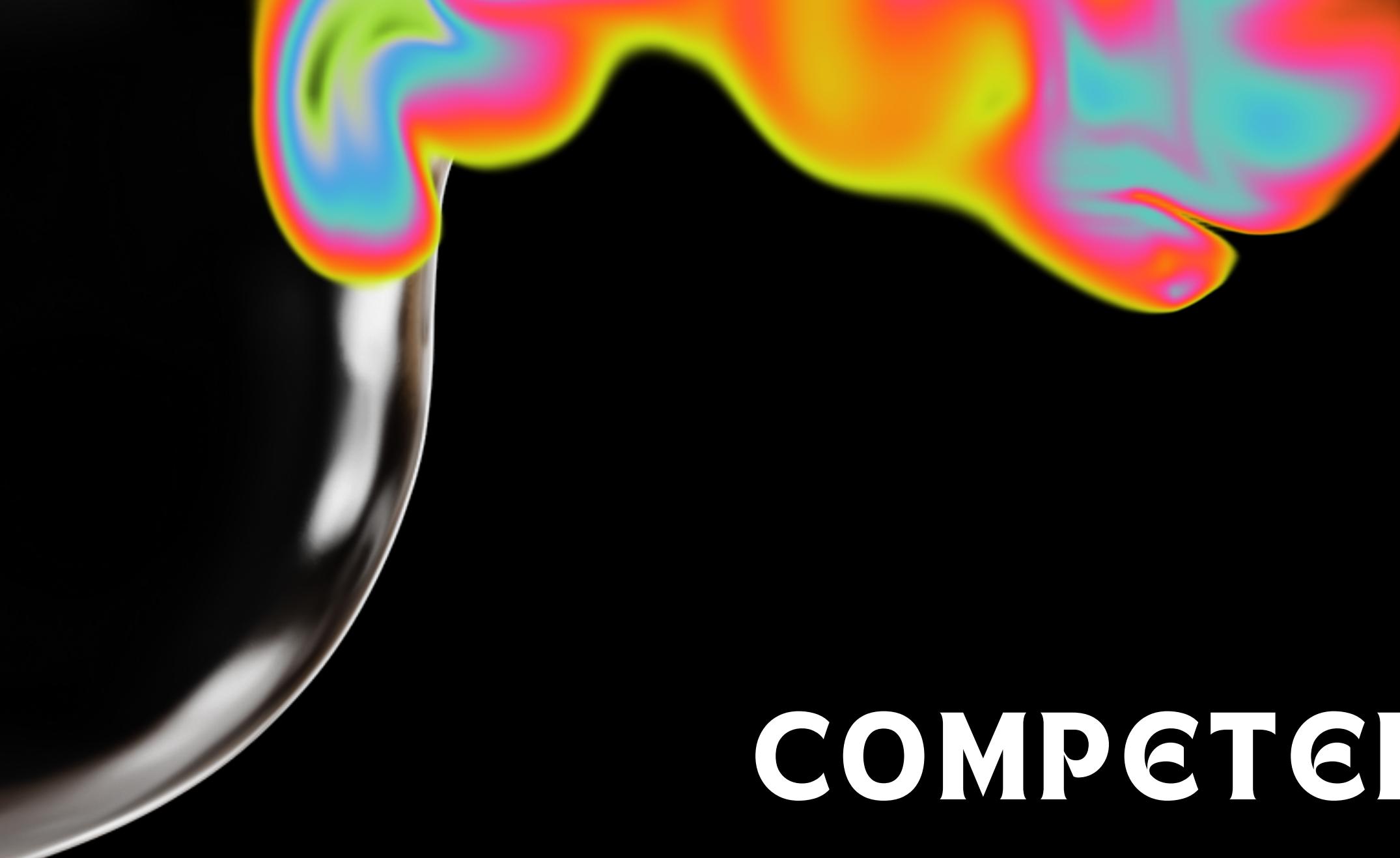


Scrum Methodology

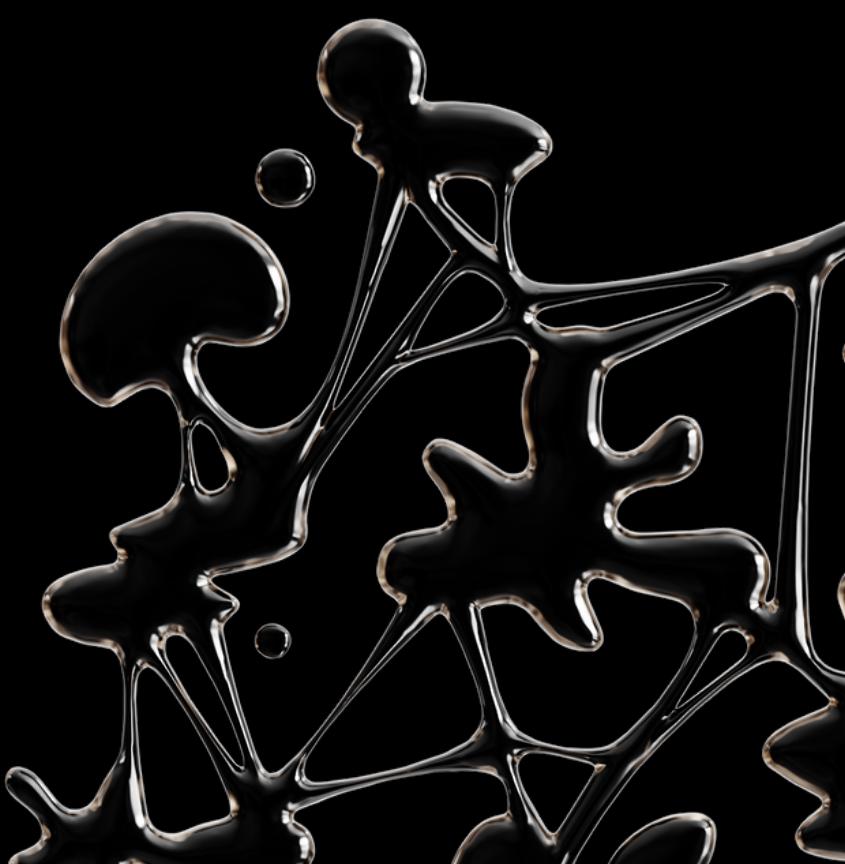
Our sprints contained:

- Tasks done
- Ongoing tasks
- Issues

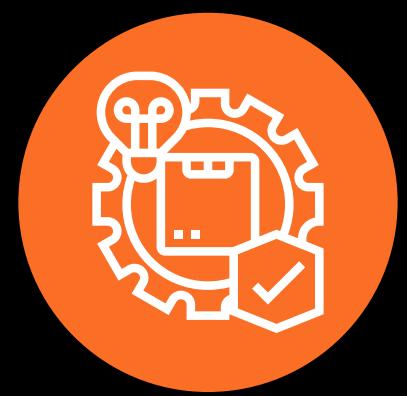




COMPETENCIES



GENERAL COMPETENCIES



Organization



Planning



**Human
resource
management**



**Effective
communication**



Transparency

SPECIFIC COMPETENCIES



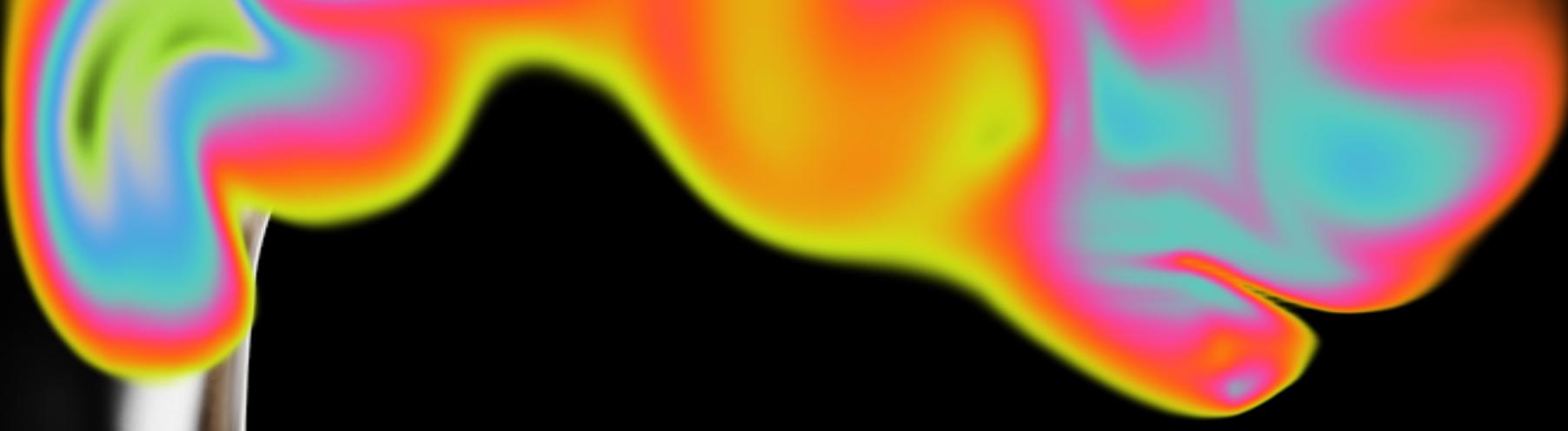
**Software
development**



**Project
documentation**



**Scrum
methodology**



**THANK YOU FOR
YOUR
ATTENTION!**

