Power Platform Enablement

Build your own solution

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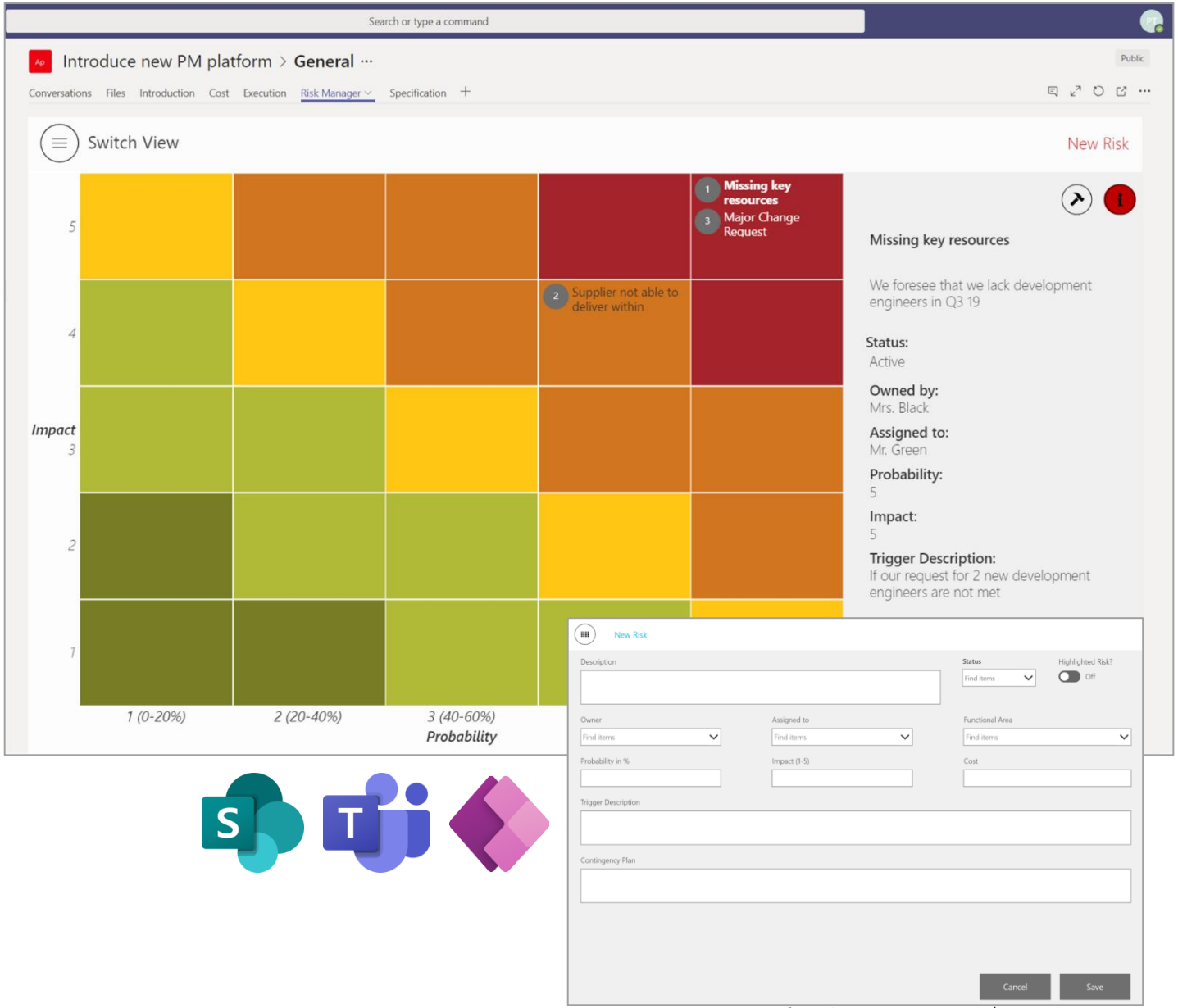
Examples

Risk Management

User adoption

RISKS	MITIGATIONS
ID	ID
Title	Title
Project	Risk
…	…
…	…



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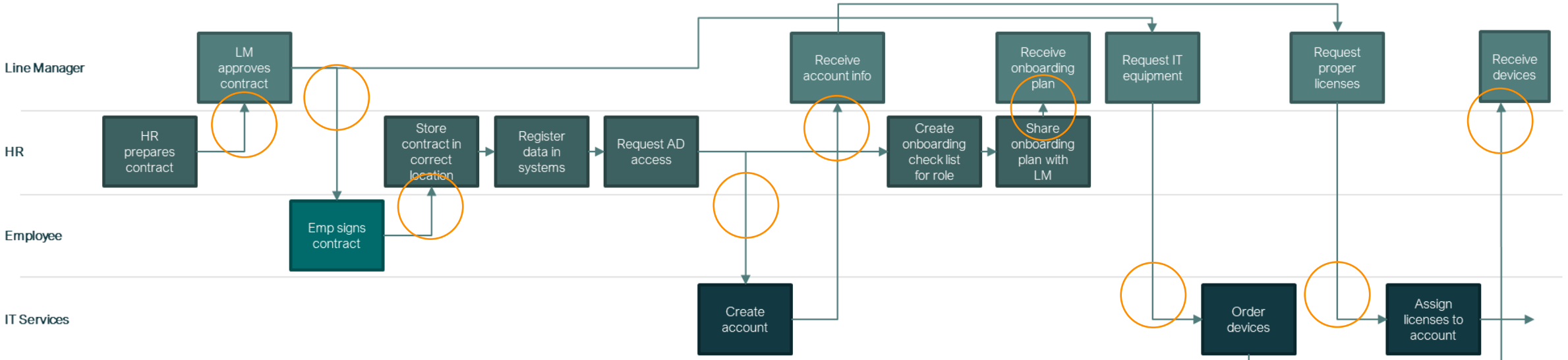
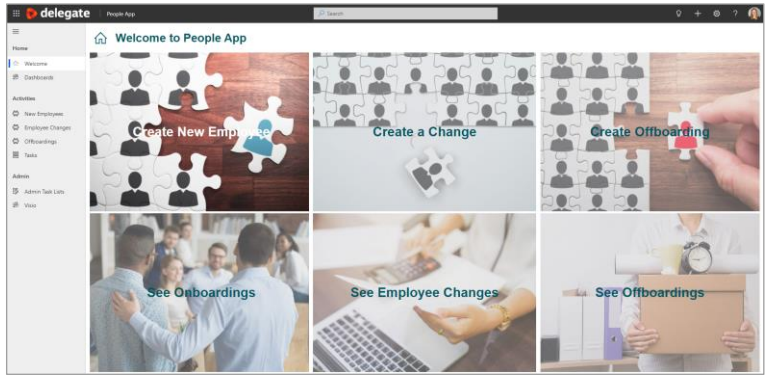
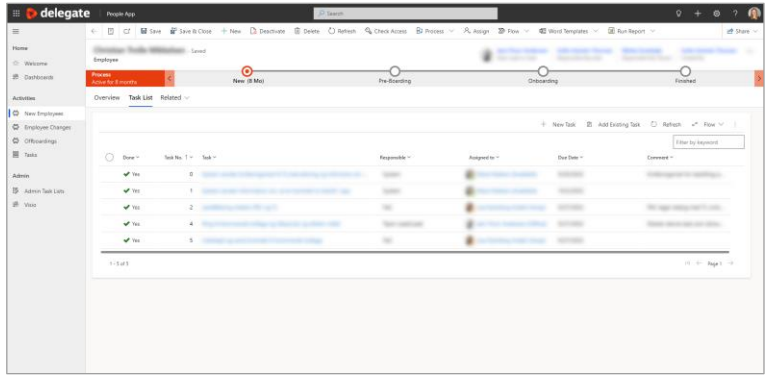
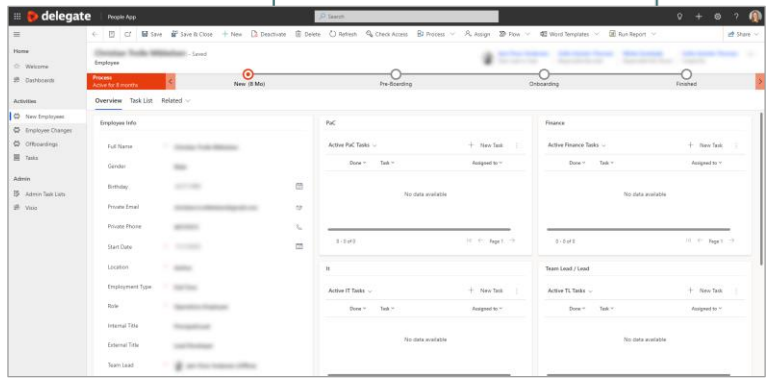
HR People App

Task Management between systems









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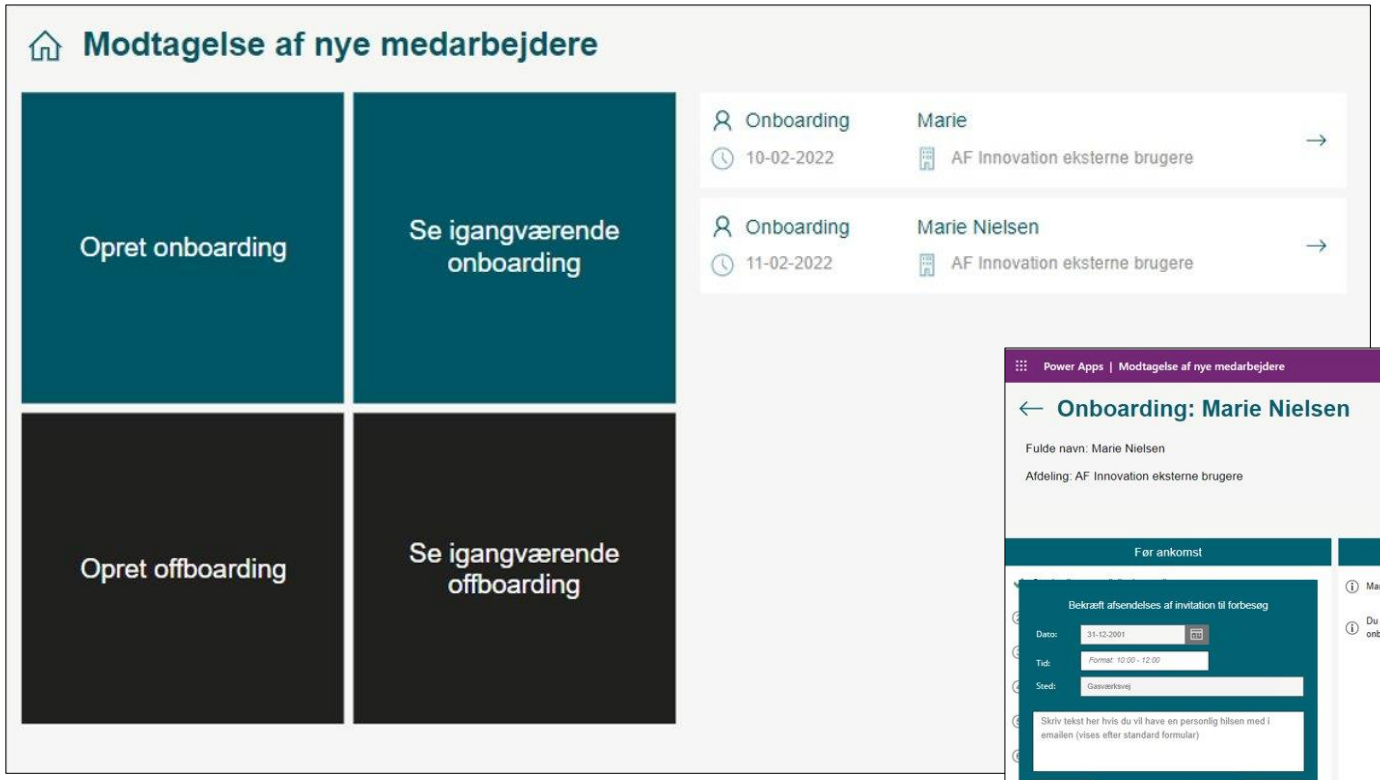
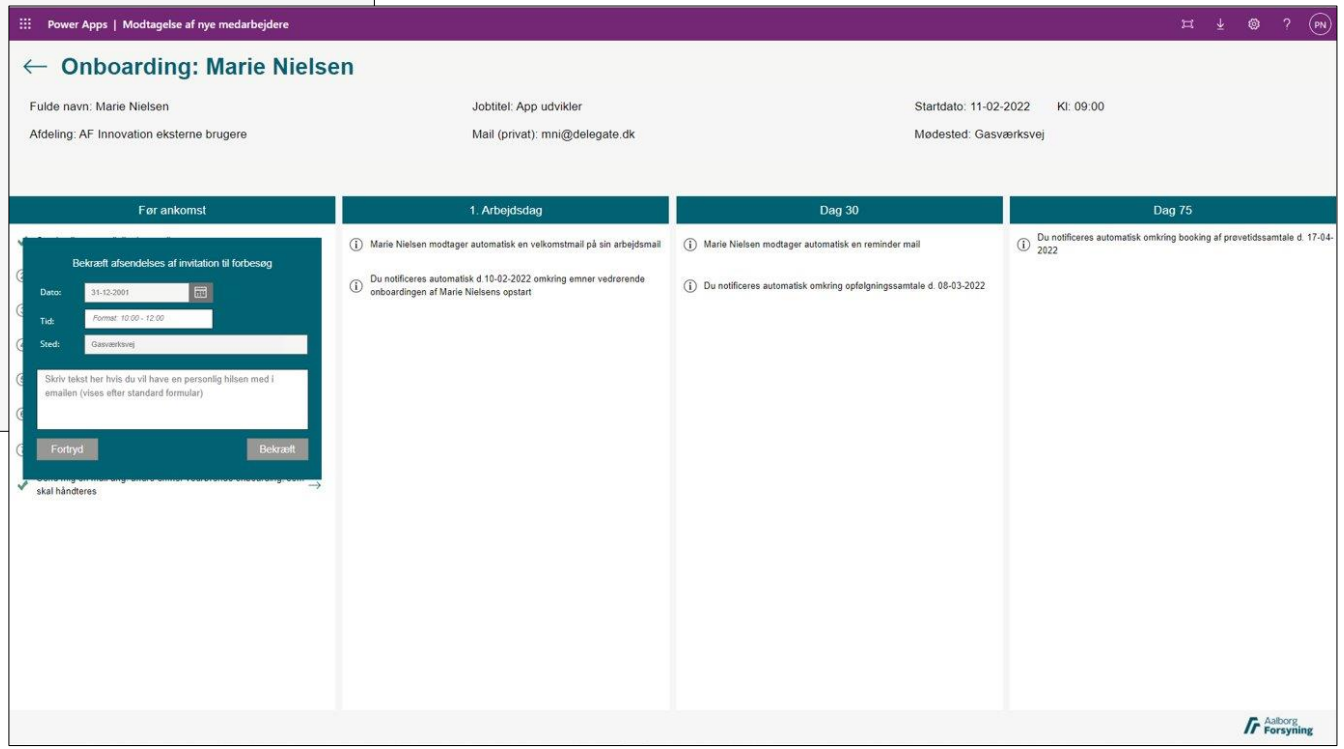
On/Off boarding of new employess





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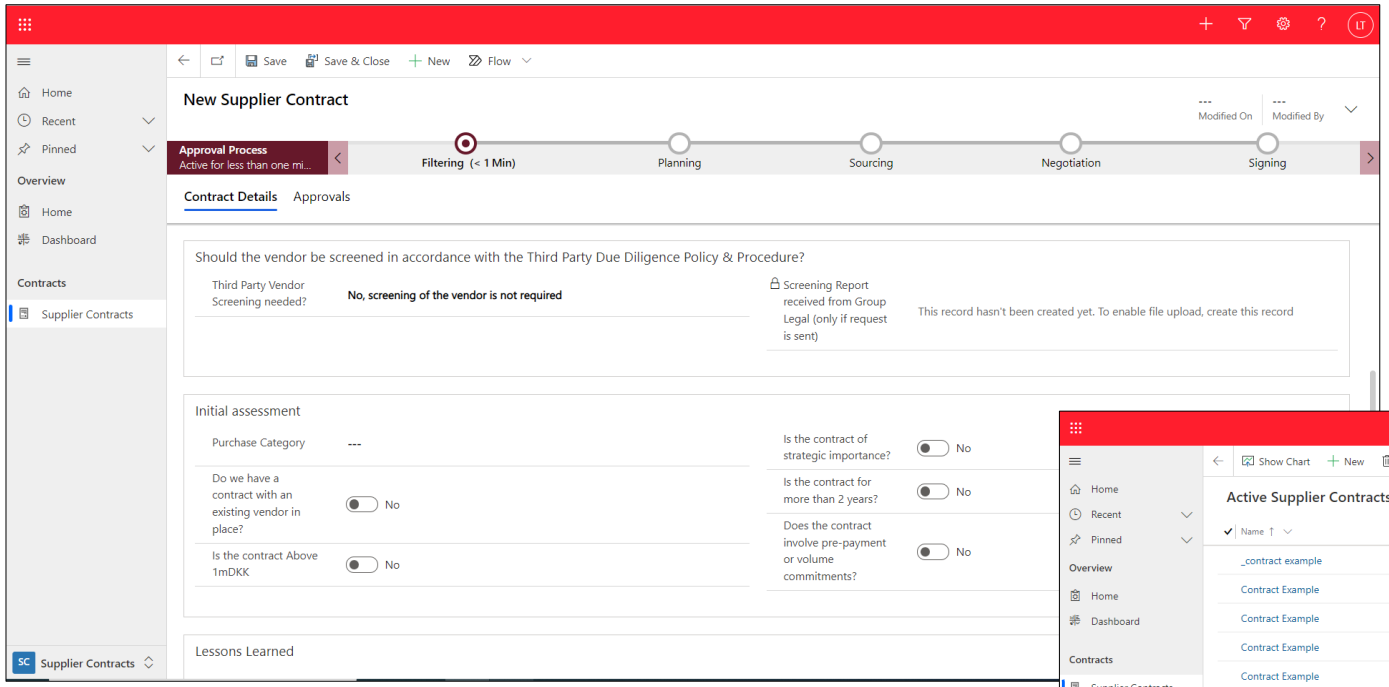
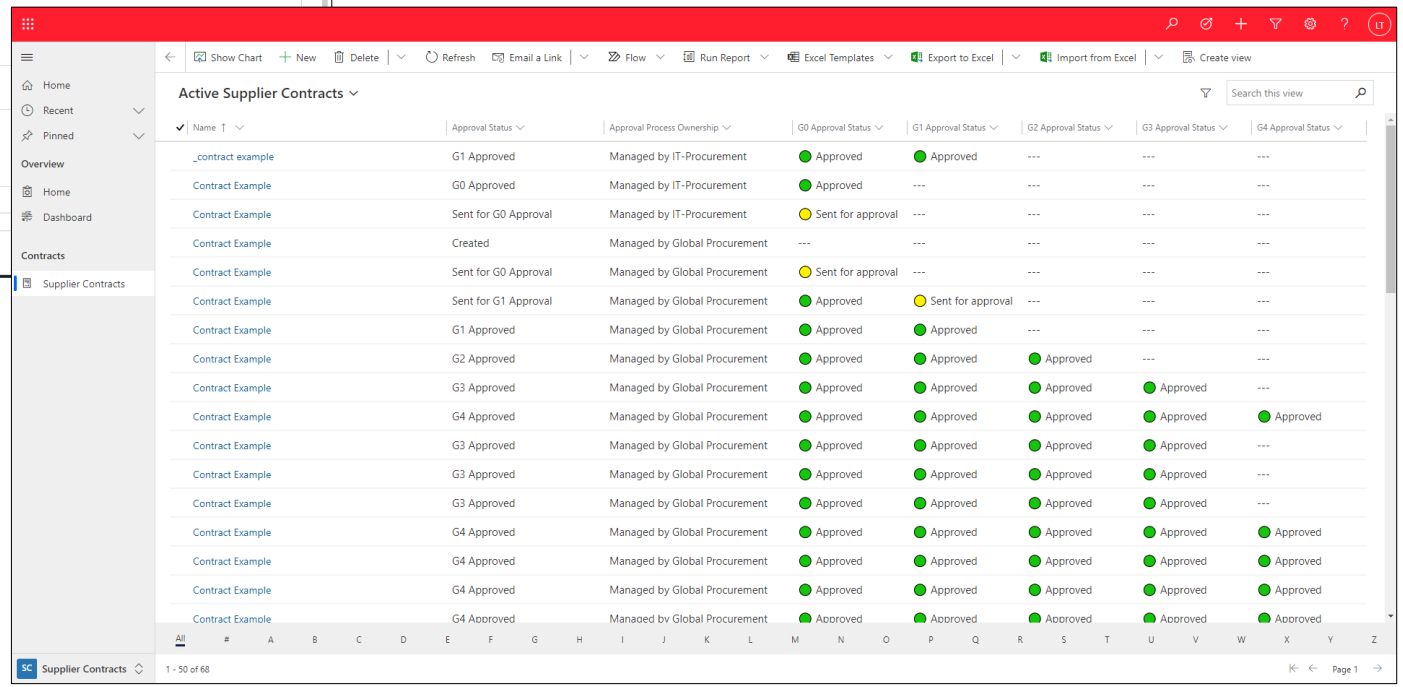
Contract* Management





* Could also be investments or any other process management

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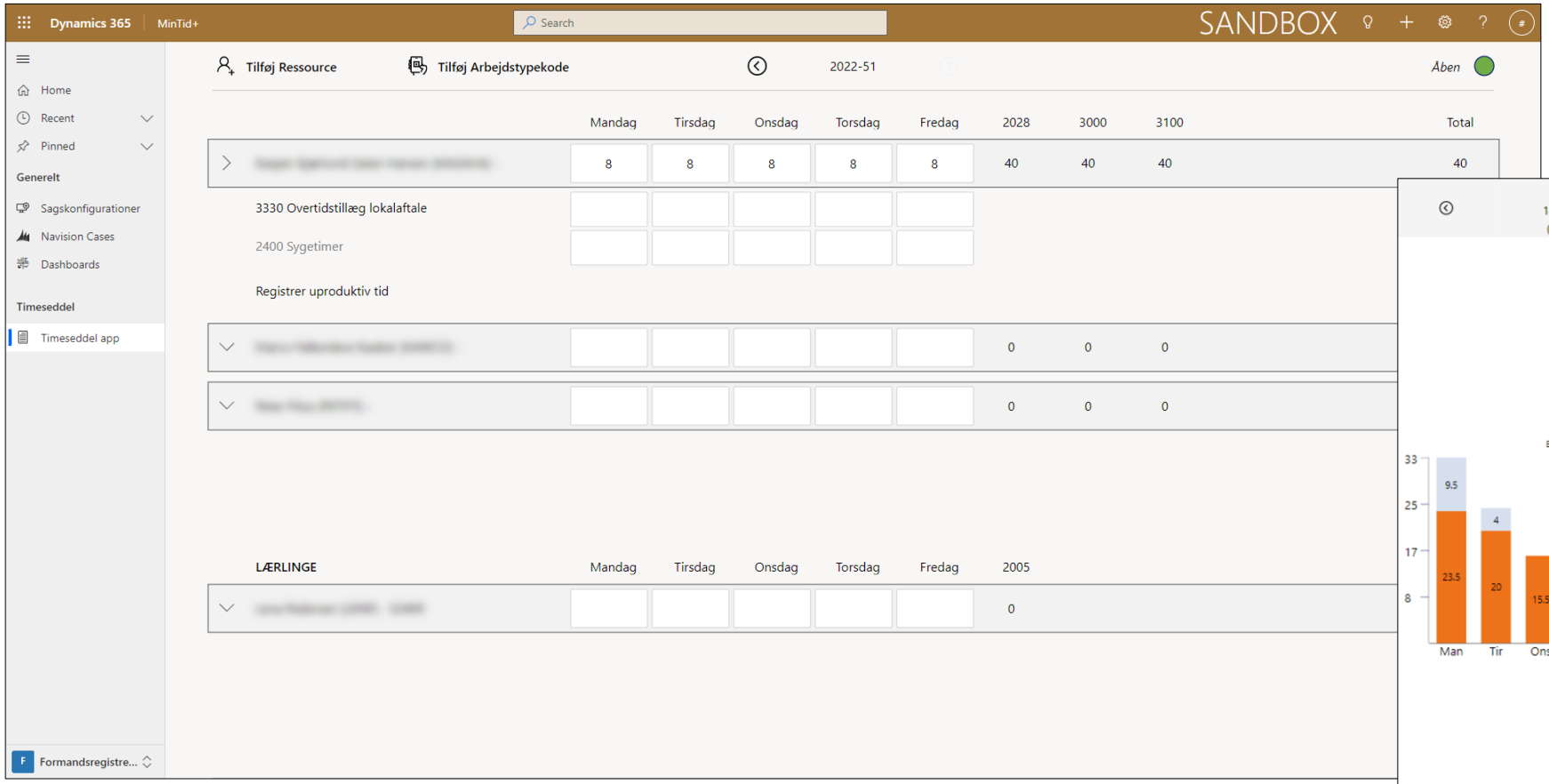
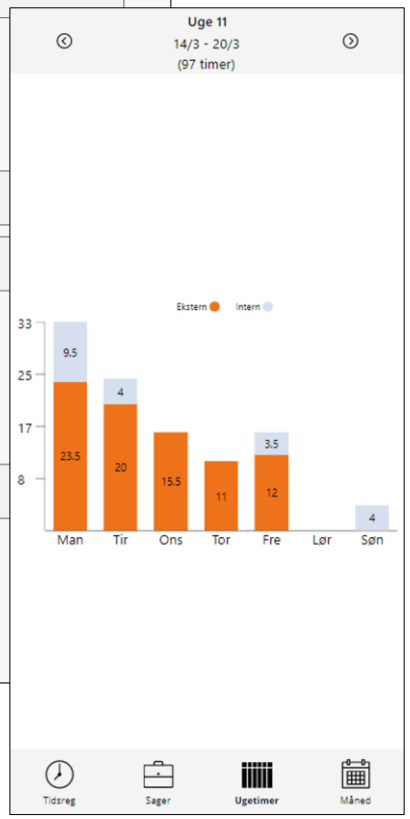
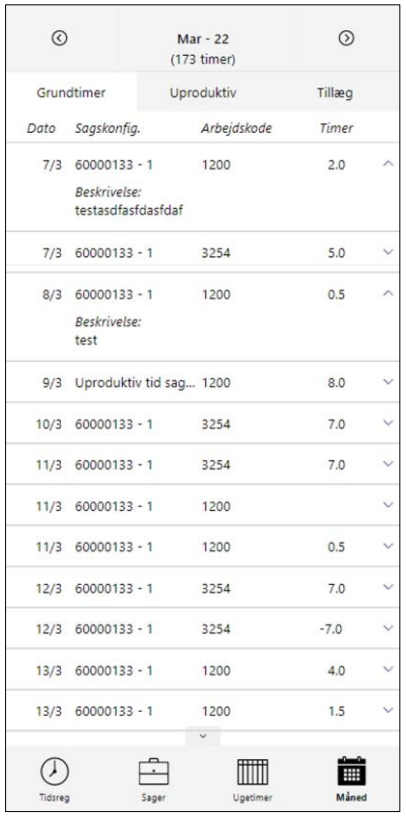
Time Management

Time Registration Systems







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How to get started

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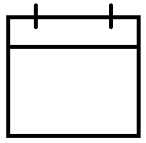
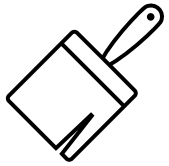
Building an app is just 20% of the collective work required



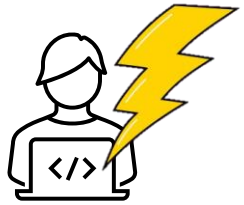
Planning

Identify who, what, when, why. Interviews and workshops with end-users.



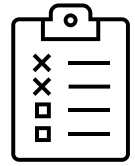
Design

Sketch pages, and create a data-model matching features.



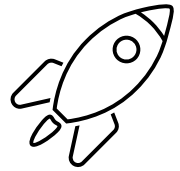
Building

Creating the app.



Testing

Users try the app.



Deployment

Launch app, get feedback, change continously.

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Planning

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Creating user stories

A user story is a short, simple description of a feature or functionality of a product from the perspective of a user.

Specific | Measurable | Achievable | Relevant | Time-bounded

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Creating user stories

Keep the user's needs in mind: The user story should focus on the user's needs, desires, and frustrations. Ensure that the story is written from the user's perspective and not from the perspective of the system or the company.

Be specific: The user story should be specific about the user's goals, the context in which they will be using the system, and the benefits they expect to receive.

Use simple language: Use simple and easy-to-understand language. Avoid technical jargon or acronyms that might confuse the user.

Keep it short and concise: The user story should be short and concise, ideally no more than two or three sentences. This makes it easier to read and understand.

Include acceptance criteria: The user story should include acceptance criteria that define what the user expects to see or experience when the system is delivered. These criteria should be measurable and specific.

Example

Creating user stories

The scenario: Imagine an organization where every few years the employees request an updated coffee machine for their employee break room. We will streamline the device order, procurement and approval process and view aggregate reports. The employee-facing device ordering app needs to run in a web browser and on mobile devices.

User story 1: As an employee, I should be able to log into a simple app to browse, compare and order available coffee machines for our breakroom.

User story 2: As a manager, I should be able to approve a coffee machine request from one of my employees in an easy manner.

User story 3: As an employee, I should receive a receipt when my request has been approved.

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Example

Deciding on high-level architecture

User story	Tool need	Solution
As an employee, I should be able to log into a simple app to browse, compare and order available coffee machines for our breakroom.	an intuitive app for end-users where we can control the layout	Canvas Power App
As a manager, I should be able to approve a coffee machine request from one of my employees in an easy manner.	More focus on the automation process itself	Model-driven Power App + Power Automate cloud flow
As an employee, I should receive a receipt when my request has been approved.	Standardised and automatized flows	Power Automate cloud flow

Design

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Creating mockups

Mockups help to establish the general user experience throughout the solution

1. Wireframe

The wireframe is a rough drawing of the user journey

2. Mockup

Next step is to add the visual identity to the screens

3. Prototype

A prototype allows users to try out the functionality before building

https://www.invisionapp.com/defined/mockup

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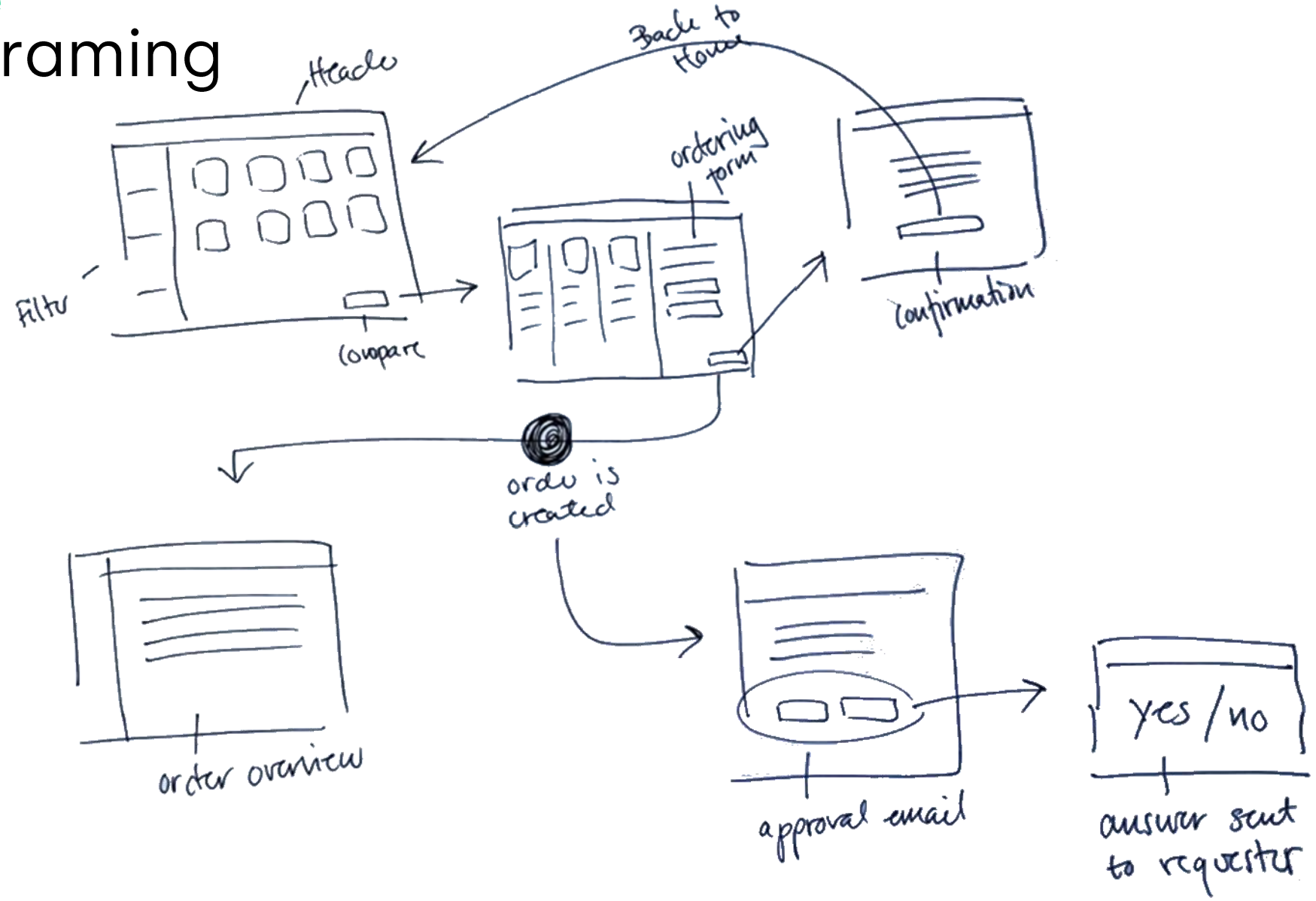
Example

Wireframing



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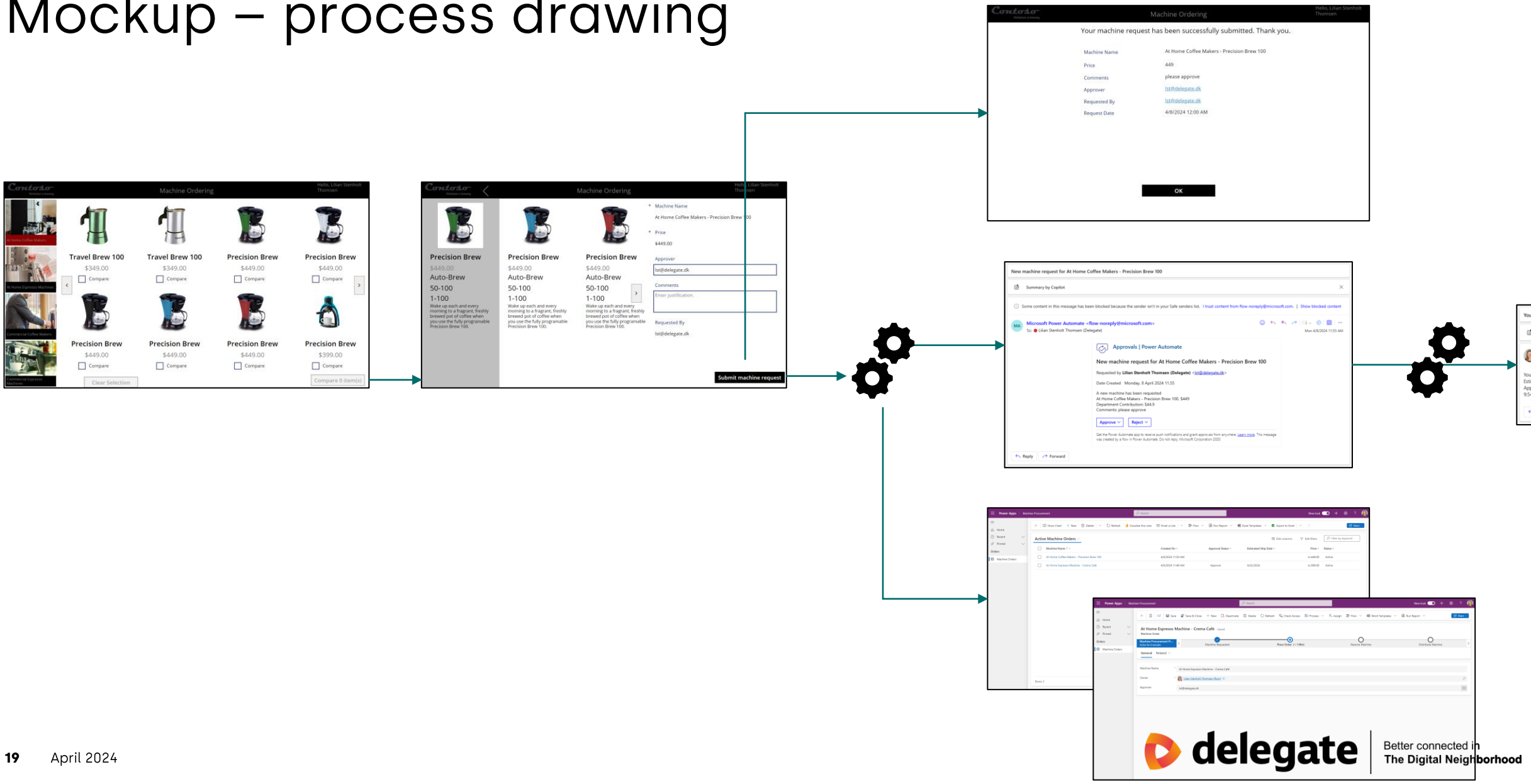
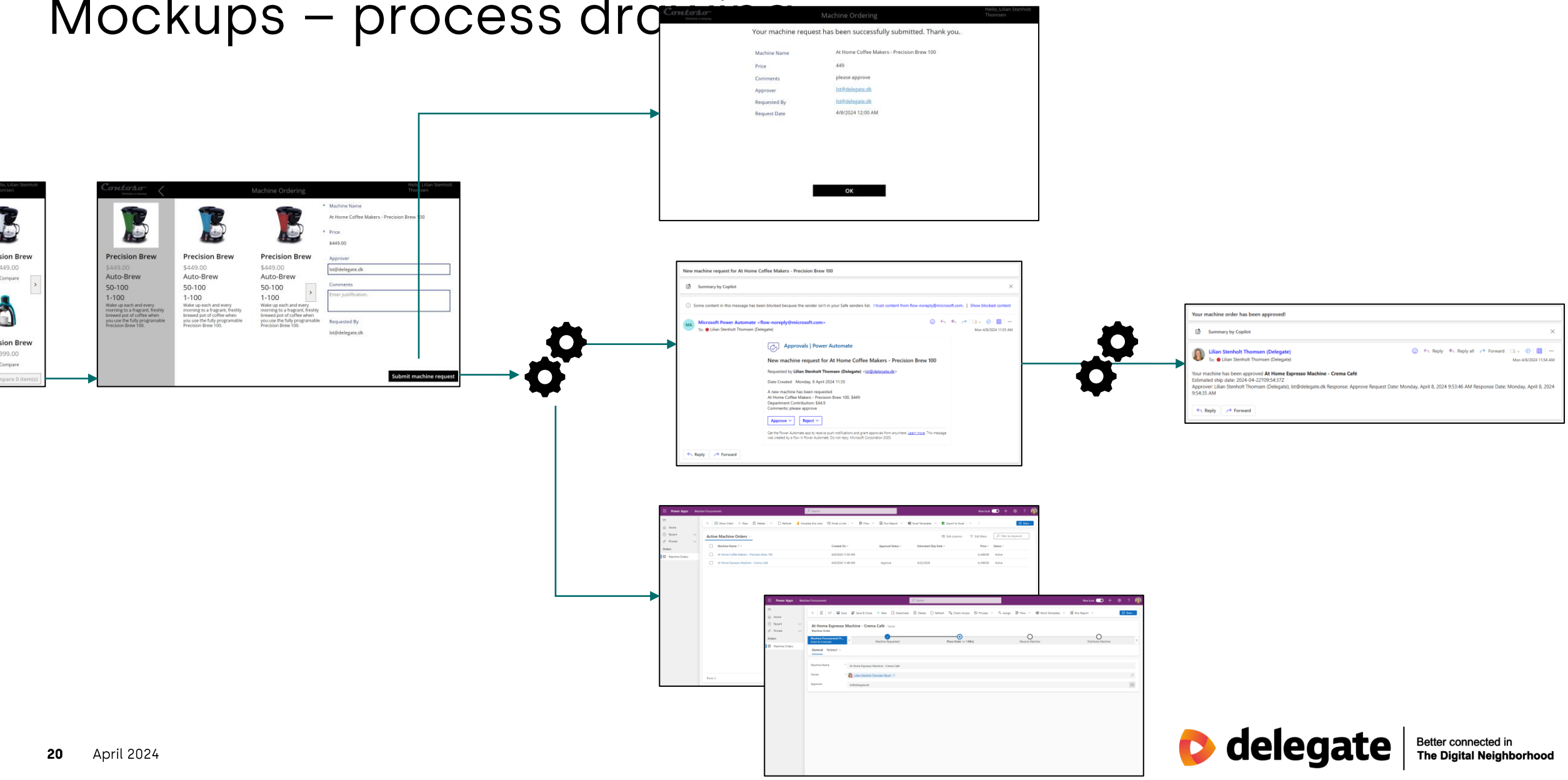
Example

Mockup – process drawing



Example

Mockups – process dra



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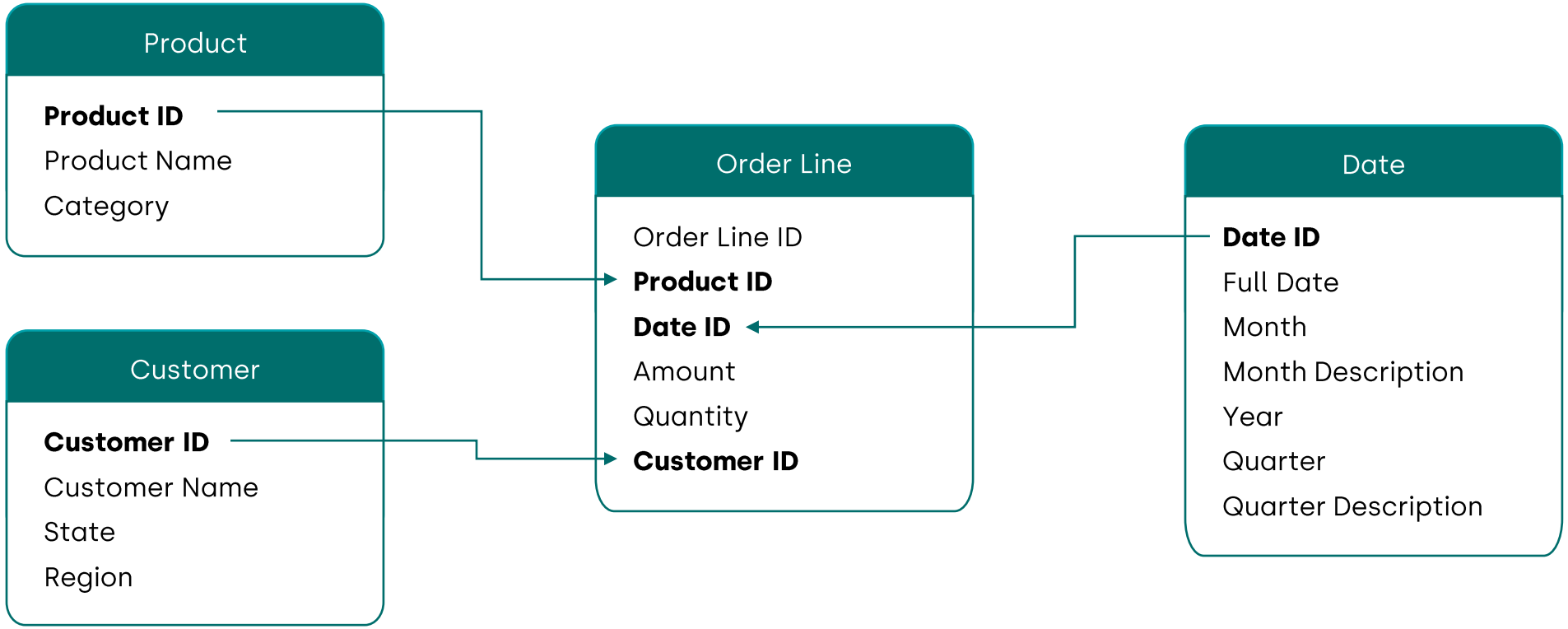
Designing our data model

The process of creating a simplified visual diagram using text and symbols to represent the data and how it flows



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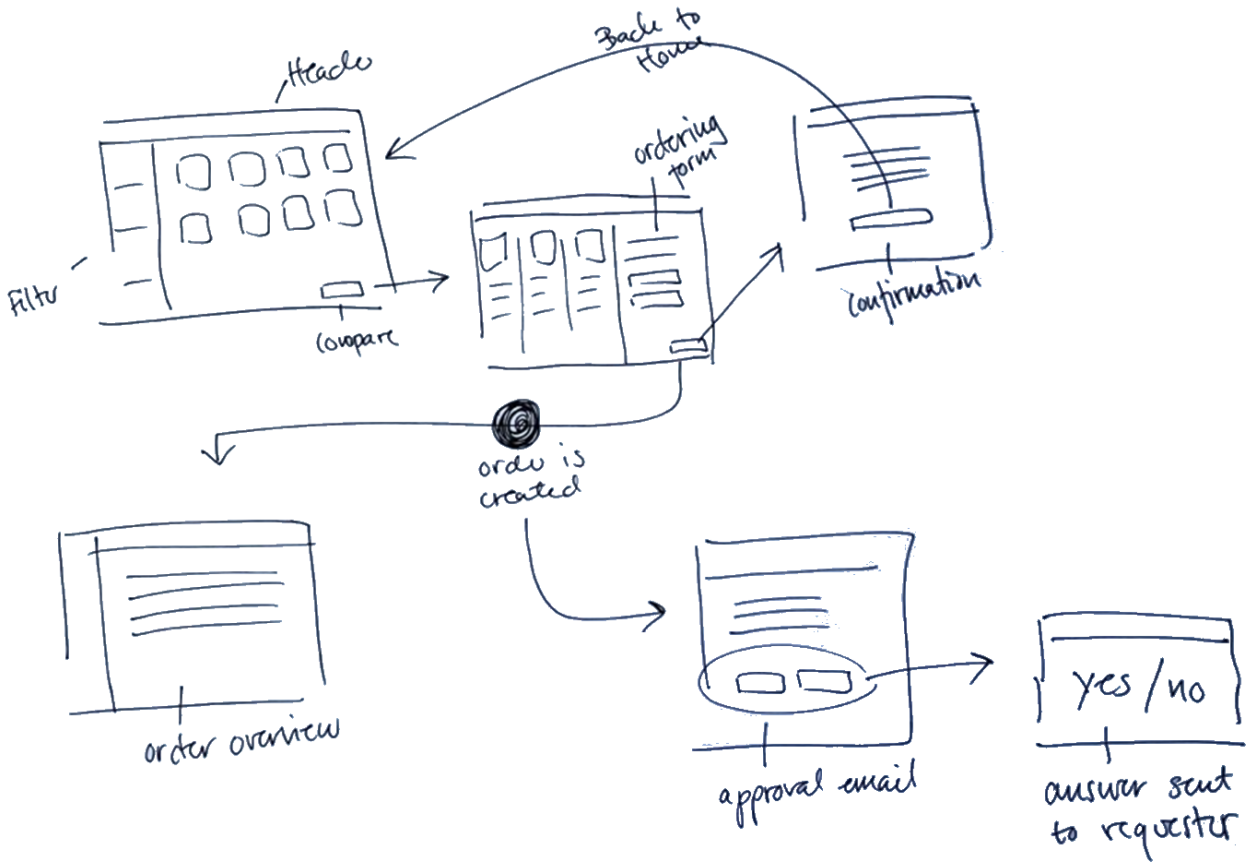
Example

Designing our data model



What tables do we need?

- Machines
- Machine Types
- Machine Orders

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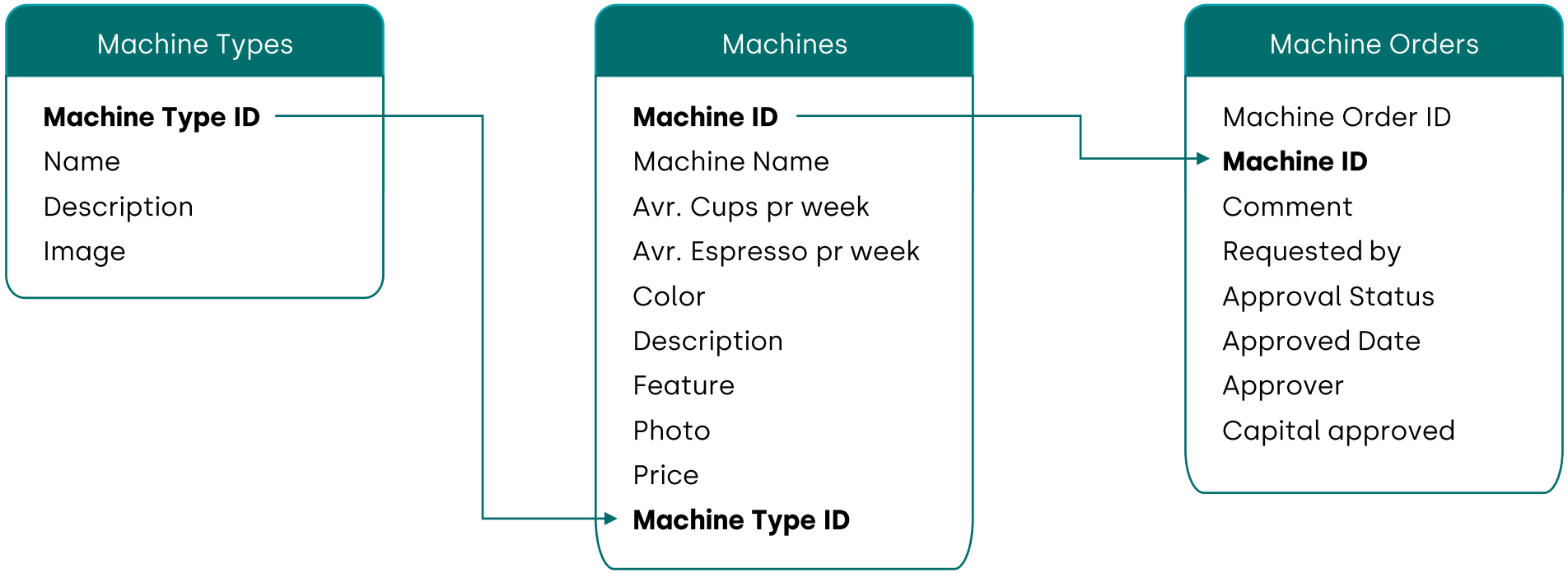
Example

Designing our data model



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Please keep in mind (to ensure better user adoption)

Solve a real problem: Stay close to the end-user throughout the project (Flow of work Vs. Workflow)

Good design & UI/UX: Pleasant colors (truck-drivers do not want a white background at 3am), Level of simplicity (few clicks, simple process, algorithm decide Vs. customizable, complex workflow) and Tailored to the end-user (Do the user wear gloves? Are they on a phone?)

Timesaver or higher quality of work: Plays into a good design and solving a real problem.

Reliable and safe: Well-defined data model and a solid security model