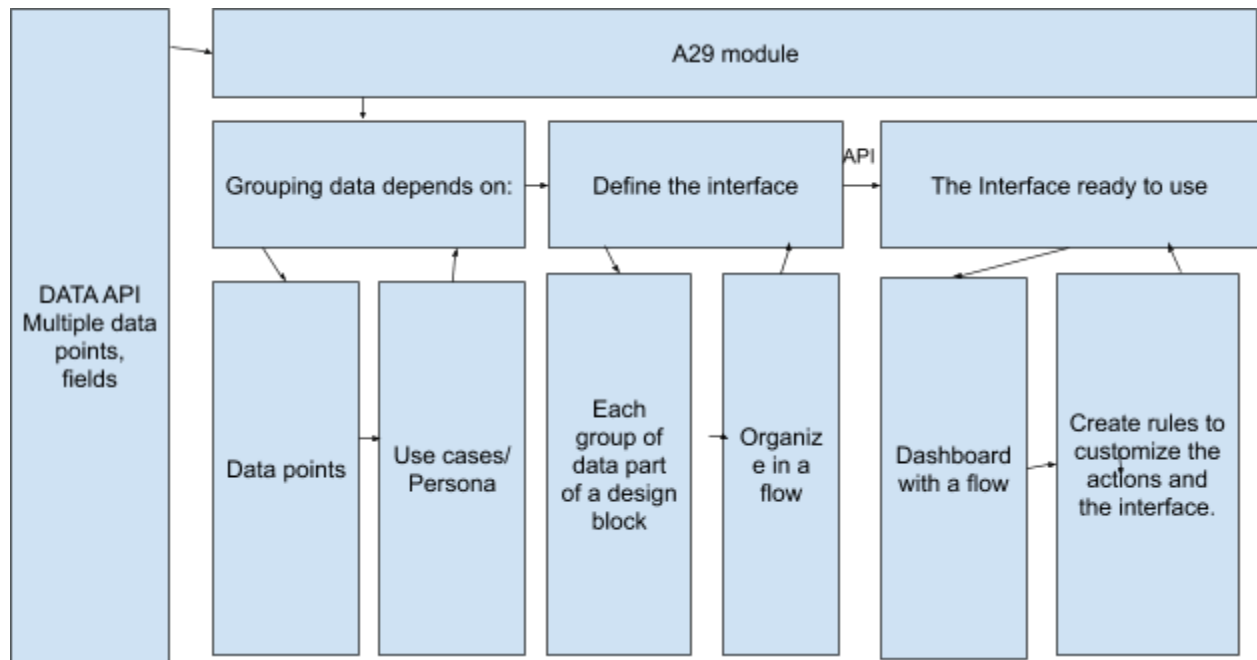A 29 is a module formed but 2 parts the backend and the frontend. The backend will receive the data, depends on data and the use cases factor he will group the data and pick an interface arrangement. The frontend will receive the data and template and will show, with a function to customize some elements.

Scheme

Technologies:

Frontend: React JS
Backend: Laravel PHP

Data structure: ex: Epigen

https://docs.google.com/spreadsheets/d/10repfvBRMgnj_ilxFIzqYgEYeFSC7occJrthjzvqXpc/edit?usp=sharing

Data transformation in UI

We will ask the user to connect the api, we will see the data and ask couple of questions. If it's cyber security data.

1. Do you want to see the full overview of the devices status traffic?
2. When you see a device do you want to see some inside data how is connected and more details about their logs?
3. When you see an issue do you want to see more details about the issue?

4. Do you need to raise a ticket if there is an issue?
5. Do you want to see the traffic outside of your company?
6. Do you want to see the traffic outside of your country?
7. Do you want to see the AOC score of your devices/

If all yes. The design is ready to go. If not please describe or voice record.

Data received:
https://docs.google.com/document/d/11Zi2m63Oqgfso16Rz0-ExNZKYIP0vn-b9-wlNQpSRRI/edit?usp=sharing

Main Milestones:

Grouping data:
When we receive the data through api. Depends on the fields and data points we identify triggers like: Industry specific, use cases, groups of data that can be used. If identify the industry specific we need to identify the Persona and approve some of use cases. We will send a list of questions to ask depends on the results we will create the groups of data.

Ex: we receive Data1 Data2 Data3, we send this data and identify most of this data(more than 75%) are from Cyber Industry, if it's less a notification to the admin. If it's less than 75% we ask the user a question what industry is specific. Depends on the industry we ask who is the personna from a list? Depends on persnna we ask question to identify the use cases through Yes No.

Define the interface:

Depends of data groups and use cases we combine them in design elements. For example if USe case 1 is yes, the group data is confirmed and have this design. If 20% of the data of that element is not available we still continue to show, if it's more notify the admin to create rules. Each design element has a rule to remain if less than 20% of the data is not missing. For less data we need to design different design elements.

Flow: the flow is standard for all persona, persona create the flow.

The interface is live and the user can use it. If some data is not showing the user can see it in the ruler. Also, in the ruler you can manage some colors of the design and create logic rules for the actions and visualizations.

API Documentation:

Structure of the data received:

Data sent with the design to the interface:

The mechanism of grouping data

We have the industry, we have the person or user position in the industry. We will ask the use cases and using connected data we can identify groups of data which match with our groups of data. The matching is on if more than 80% of each cell has the data received. We will create the templates for each cell and what use case is conected. (Each use case is dependable of Industry and persona)

The mechanism of choosing the design element

This will done in admin portion by us. We will come up with different elements that will make sense for the UI. The mechanism will just play with matching of data with design. If the user
 Will make changes in flow the data can be adjustibile dependent on the templates we created. Each flow has a list of elements connected.

Client User flow

1. Registration - asking email, Industry and first persona that will use the data (create a project)
2. Integrations - Add multiple integrations, or company Api with data. We will show a list of possible data that we found from the API.
3. Use cases - We will ask a list of Use cases questions Yes No
4. Flow - The data will be already grouped and the flow will appear on the screen with the pages that can be accessed.
5. Rules - they can play with some rules of changing colors of some elements
6. Preview of the flow UI and possibility to choose a different template.

Admin user flow

1. Choose an industry, a persona
2. Show the data that can be used, add new fields, group the fields and connect to an Design element
3. Use cases - connect use cases to the new data groups. Or create new use cases.
4. Flow - See new groups data in the flow, you can change if some groups needs a different link., But the developer when they will create they will already have them connected properly.
5. Standard Rules - they can play with some rules of changing colors of some elements
6. Preview of the flow UI and possibility to choose a different main template.