




Weekly Brief #6

 Date

@April 22, 2022 → April 29, 2022

Current status:

Still waiting for the NDA to be signed in order to get access to the data. Continued the development of the application components that do not require access to data.

Plans for the next week:

- Continue the development of the prototype.
- As the NDA is targeted to be signed this following week, the team will start to look through the dataset in order to understand the data that we are working with.
- Start the development of the instructions manual to be delivered to the clients.

Main risks: [Risk Register Template](#)

Risk	Risk cause	Risk effect	Likelihood	Risk Ranking	Mitigation Strategies	Owner of the mitigation strategy
NDA approval delay, restricting access to the data.	The NDA was already approved by a FEUP representative. Although, there are some pending modifications from the clients' side. This can take an unexpected amount of time.	We can only have access to Vestas data when the NDA is finalized. Therefore, this will delay our access to the data. We have been informed that it will not be possible to obtain the structure of this data in advance either.	Certain - We were told it was an urgent matter, but were given no certainties about the expected time of this operation.	Very High	- Start by developing data-independent features so that we already progress on the prototype without having access to data. - Simulate some data based on the data structure presented in the client slides.	Miguel Gomes
High expertise is needed by the client to maintain or change the product in the future	Using React instead of a zero-code application makes it harder for the company to make changes to the app if needed.	The company needs to hire competent developers to be able to update the system, which requires more money.	Possible	High	- Continuous development of a maintenance manual and an instructions manual, including critical snippets of code responsible for features; - The team shall follow good programming standards, including code documentation;	André Malheiro

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LGP Companies services delay	The agency <u>à tona</u> will be developing UI Prototypes that will guide the development of the frontend of our product.	Development of the product can be delayed.	Likely	Medium	- We can start by developing the backend of the application instead. This approach brings the problem that we need the NDA signed to get access to the data - Another option is following with our own designs instead.	Paulo Ribeiro e João Rocha
Data understanding problems	From the client's explanations, the data seemed complex, suggesting that its comprehension may be difficult.	Understanding the client's data can delay the implementation start of the main algorithm. Depending on the delay, the client's needs may not be fully met.	Possible	Medium	The understanding of the data could be facilitated if we asked the clients to give us simple documentation along with the data, consisting of concise descriptions of the many tables or variables. If the clients can't elaborate this documentation, we should invest time to study the data and even arrange meetings with the clients in order to enlighten some existing doubts.	Pedro Azevedo