

HPE GreenLake

HPE GreenLake is the edge-to-cloud platform with dozens of cloud services, infrastructure, platforms and workloads are delivered to the customer's environment such as edges, datacenters, colocations and cloud



Data Fabric as a service is the most anticipated as-a-service solution in the extensive range of HPE services.

My Role

As a team, we put our effort to understand the fundamentals of the cloud and about the data fabric. My contributions are more towards creating persona, **stake holder mapping, Defining IA, Workflows and various UX recipes to build it.**

Design Process

I used the Double Diamond Method proposed by British design council in 2005.

(when I was in my 5th grade of schooling!!) 🤔

The stages of this design process are as follows : Discover | Define | Develop | Deliver

Discover

I got an opportunity to join DFaaS in the early stage itself...

Since the subject is relatively new in the cloud domain, our primary challenge was to understand the fundamentals of cloud services and how it relates to data fabrics.

We used pre-existing study data, an existing platform, and we gathered insights from the professionals with experience using data fabric.

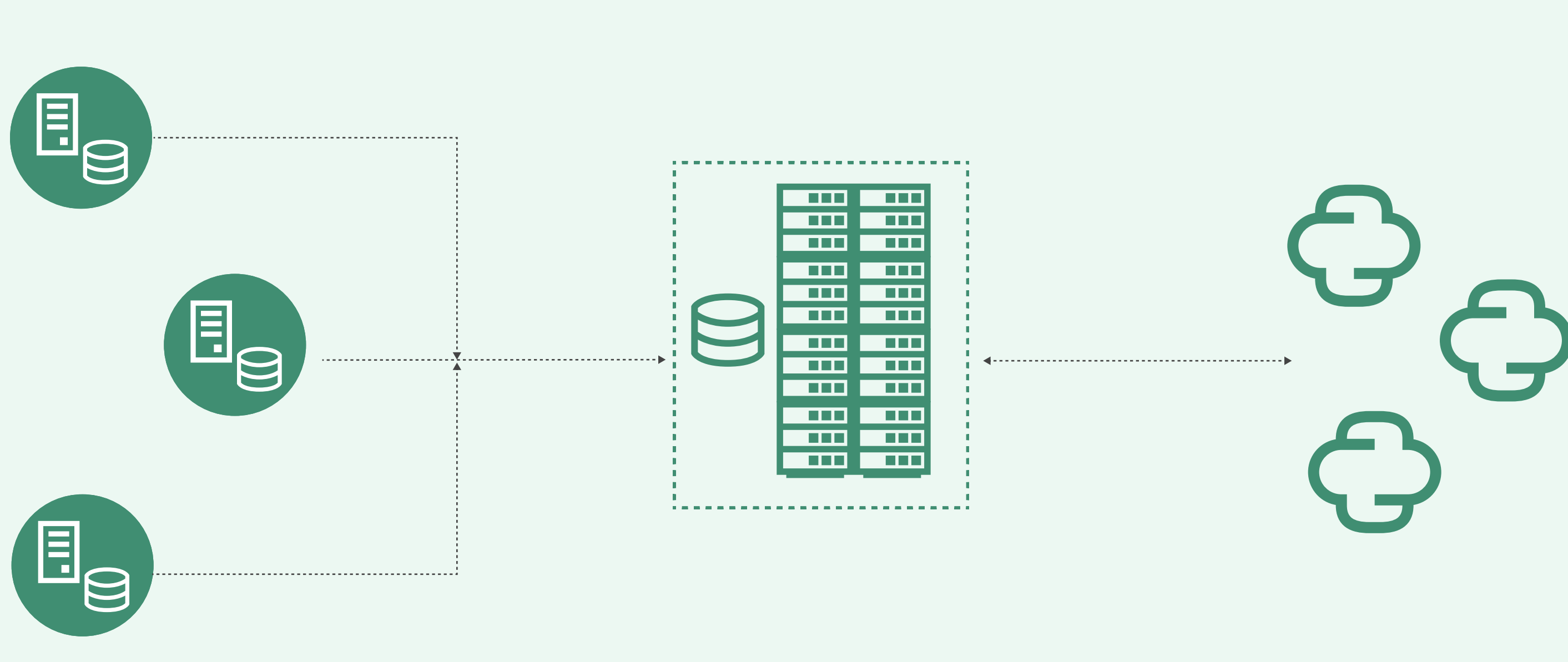


HPE GreenLake for Data Fabric

How does "Data Fabric as a Service" work ?

It unites varied and distributed data across the edge to cloud deployment in to a single source for trusted data.

This data can be stored once and use it for multiple application effectively such as Analytics, AI Machine Learning & Big data



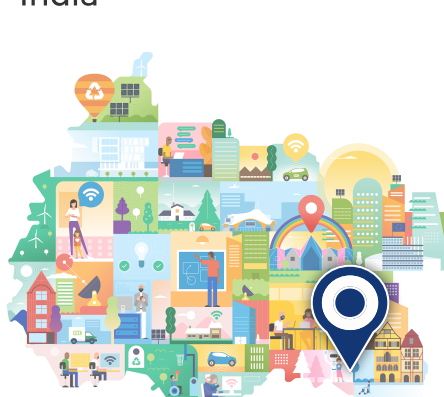
Define

We were on track...!!

We did a **stake holder mapping** to understand who are all the personas involved and their roles & responsibilities to understand the ecosystem. We created a **design brief** with the help of the data collected and ensured the design direction to move forward.



Amith
Cluster Admin
India
38 Yrs old



Job Description

Amith is responsible to create and maintain clusters within HPE Data Fabric. This includes installing the nodes and services on the cluster, further management of the cluster and the associated components like nodes, services, cluster data, users and other cluster settings.

“ Ensure the success of data-driven transformation initiative ”

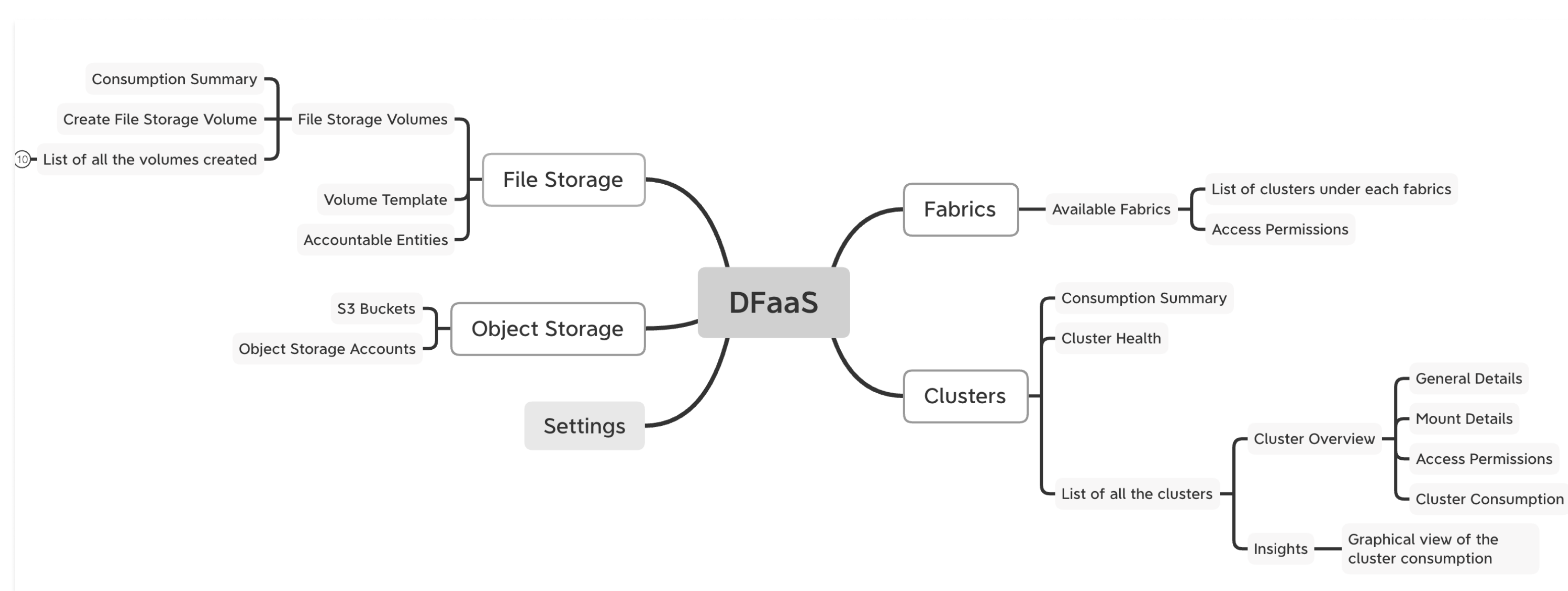
Pain Points

- During failure scenarios, data reconstruction is not possible due to which crucial data is lost
- Move the data out of the cluster when analytics is complete which increases both time and cost
- Delays time to value
- Lack of automation and user experience

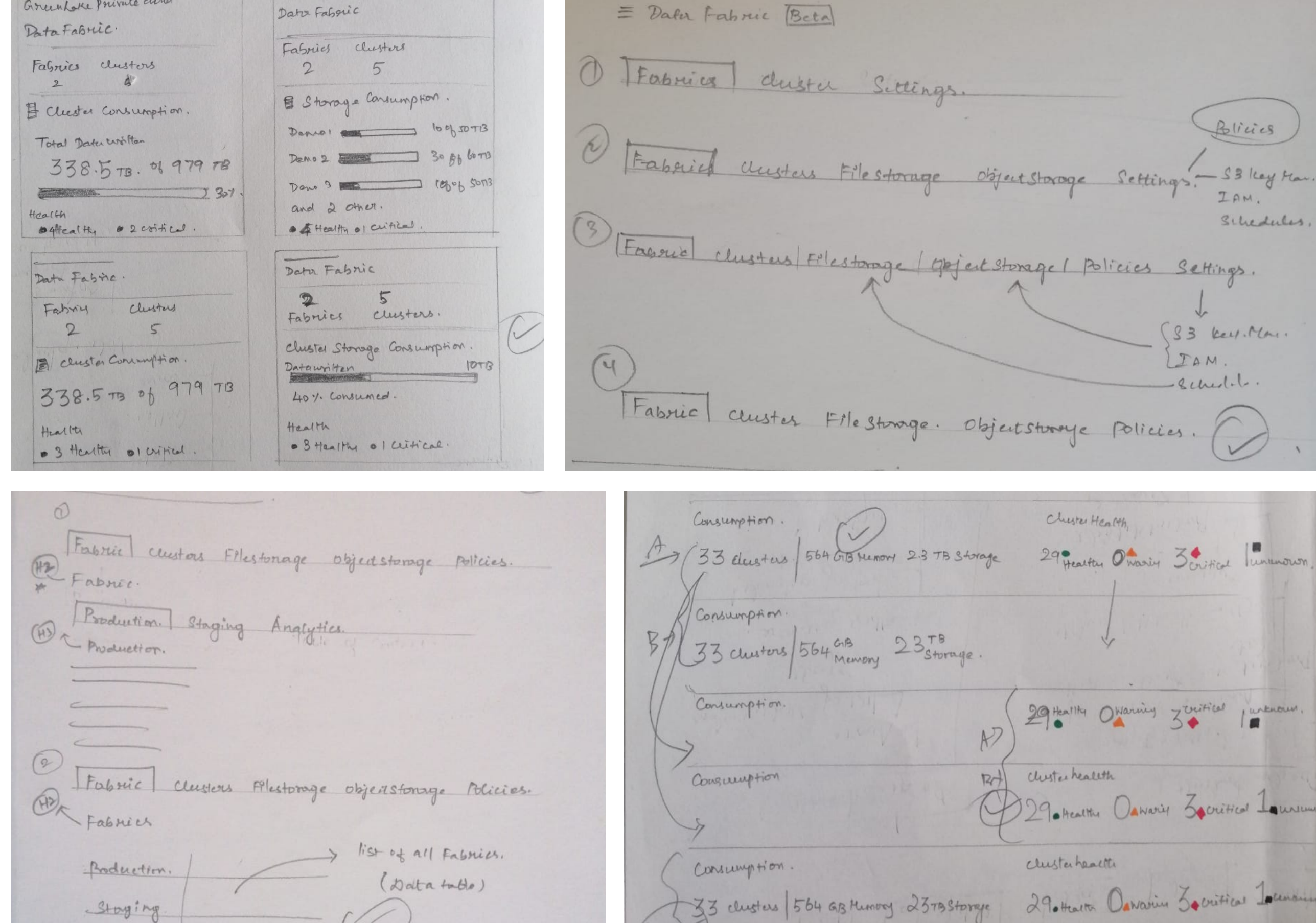
Goals

- Ensure high availability of the data to recover from any losses
- Build an on-premises cluster with commodity hardware or extend data to the cloud
- Analyze data without having to move the data out of the cluster once the analytics is complete
- Easy data management capability

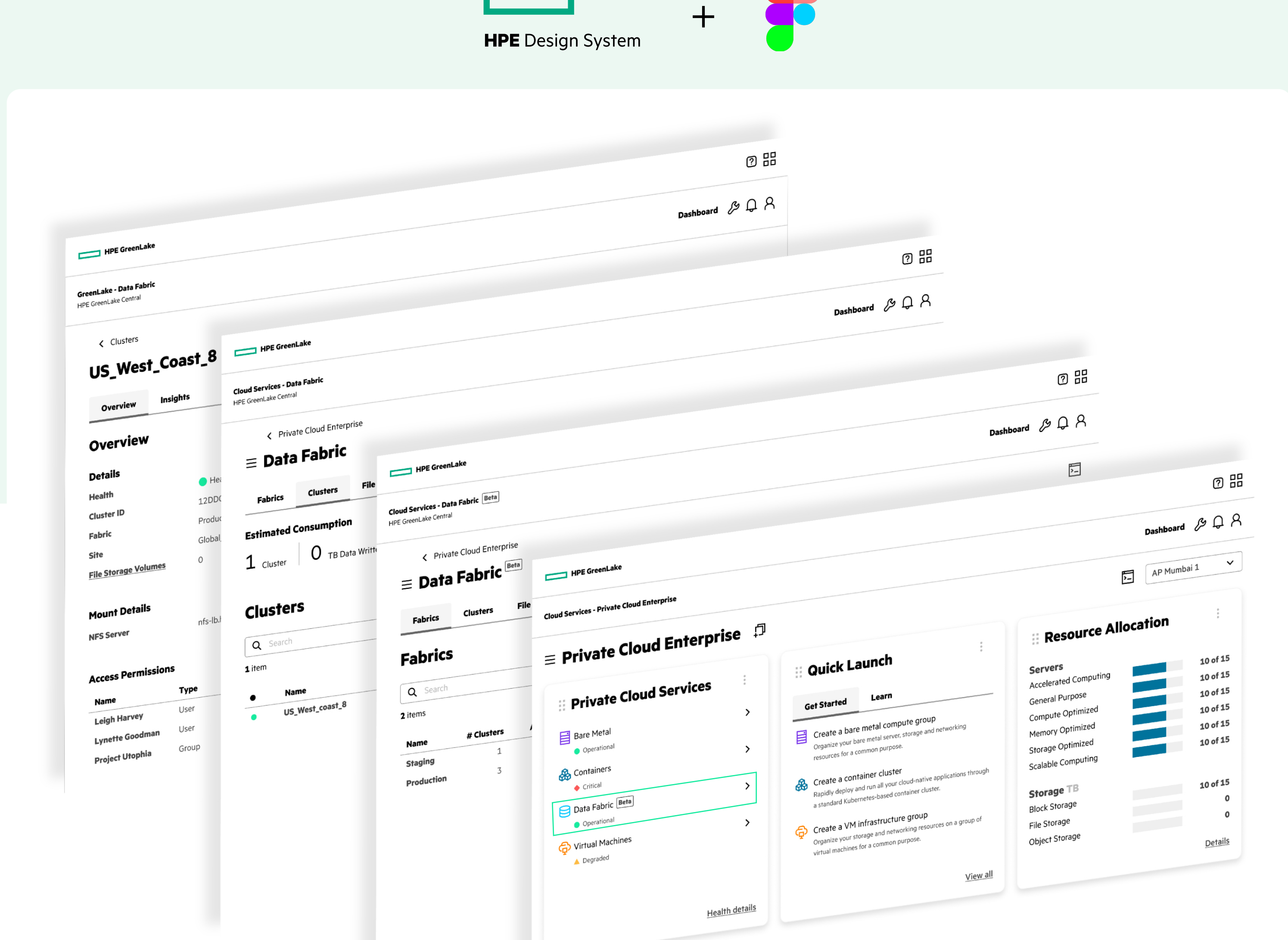
Information Architecture



Wireframes



Design



Due to confidentiality, only sample UI screens have been added.

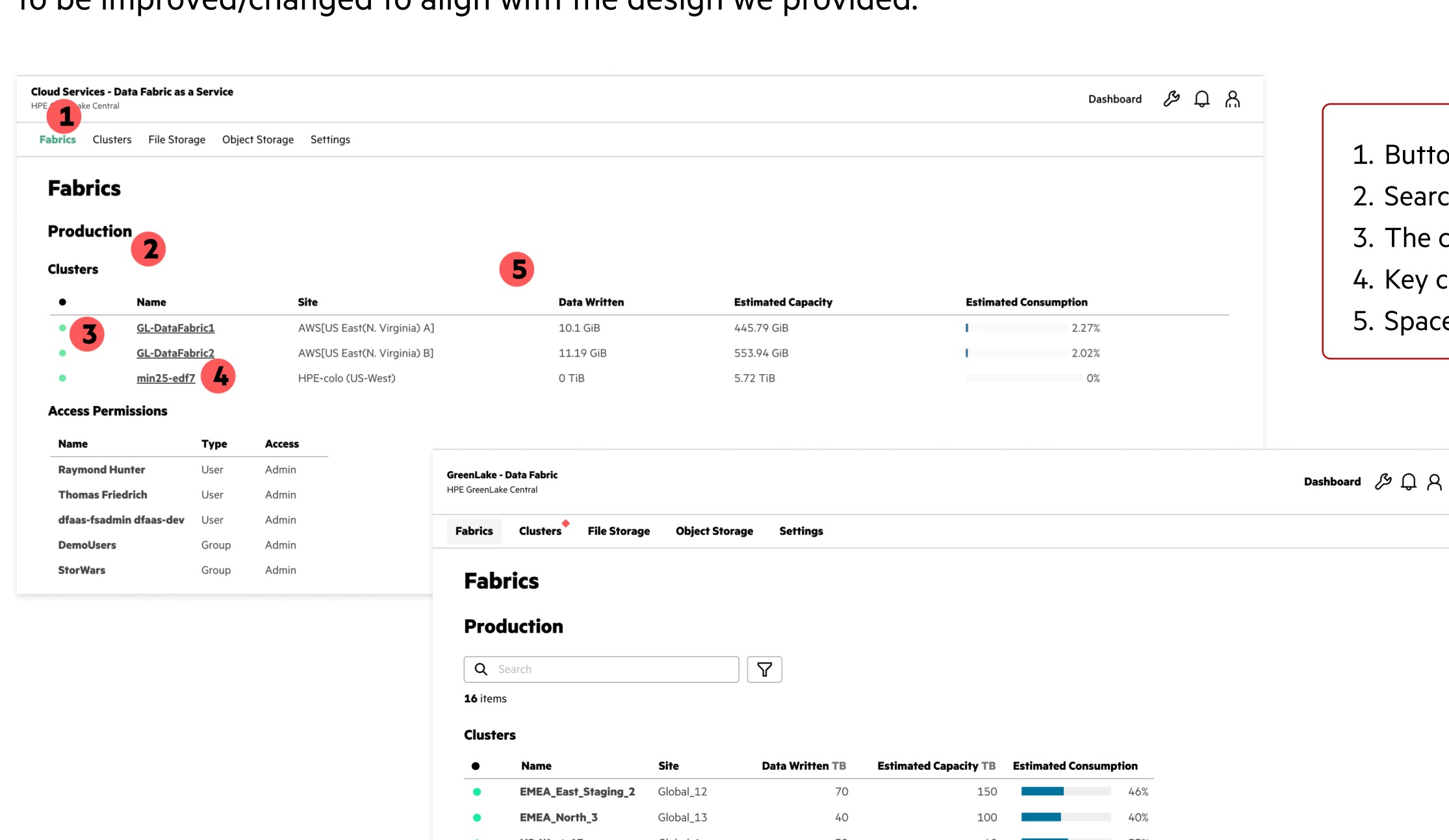
Deliver

Prototype

We combined all the screens and delivered it as a prototype

Locking Defect

Once the implementation is done, we do evaluate the screens and marked the areas/components which needs to be improved/changed to align with the design we provided.



1. Search navigation - shouldn't be in green
2. Search bar missing
3. The column space couldn't be hyperlinked
4. Key column name shouldn't be reduced
5. Space between the column across all the table

My Learnings..!

This project is incredible 🍀

It was a fantastic experience filled with learning about edge-to-cloud concepts, how they work in practise, working with the engineering team, and understanding the technical viability.

I also developed experience in accepting total accountability for a service.