BASYX HACK 2023 Challenge

How can we use digital twins to improve the production of individualised medical products, such as cancer therapies?

Team: _____

Criteria	Description	1	2	3	4	5
Presentation & Overall Creativity	**Final Presentation:** How is the overall creativity of the proposed solution and how clear the idea was presented?	The team was not able to present the idea/solution clearly		The team has clearly presented the idea/solution		The team presented the idea/solution using creative slides or artefacts to engage the audience
Novelty, and Added Value	**Novelty:** How innovative is the solution compared to existing concepts?	Some solutions already exist with the same concept and implementation		Few solutions with solutions or implementation		The solution is novel in its concept and implementation
	Added value: Does the solution help in the further development and production of individualized medical products?	The solution does not deal with individualized products and scalability aspect of production		The solution only superficially deals with individualized products and scalability aspect of production		The solution deals intensively with individualized products and scalability aspect of production
Technical maturity, design and implementation of the Digital Twin	**Technical maturity and design:** How advanced is the prototype?	Neither functionality nor design are implemented (e.g. only paper prototype)		Functionality is implemented in parts technically or in its entirety as a wireframe. There is a basic design for a prototype		Functionality is technically implemented for all central cases. The prototype follows a uniform visual design
	Installation & Usage of Eclipse BaSyx: How much does the prototype uses Eclipse BaSyx?	The solution is not using Eclipse BaSyx		The solution uses partially Eclipse BaSyx – e.g. only AAS Server / Registry		The solution uses Eclipse BaSyx and feeds life data in the AAS – e.g. by using the DataBridge or hard coded.

Sum: _____