Development of a Construction Site Management System

Initial Situation

At the chair fml, the digitization of the construction site is being investigated in the field of construction logistics. Today's manual and document-based processes of construction site management are to be executed using a continuously networked digital twin in the future. Thereby, the focus is on realistic visualization and intuitive interfaces in order to support the site manager as much as possible.

Objective

For this purpose, a concept for a construction site management system was developed and prototypically implemented in Unity as part of a previous project. This concept is now to be extended by further functions and tested in construction practice. The necessary functions are already known, but can also be supplemented or extended with own ideas after coordination. Optionally, the topic can also be worked on as a team.

Requirements

- Reliability and commitment
- Independent and structured way of working
- Open and communicative manner

Contact

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