Digitales Raumbuch

Users not familiar to building industry can create useful requirement lists.

The Project

We offer a platform for very early planning phases for new buildings to interact between building principals and the users of the new building. Usualy the user is an expert e.g. in experimental laboratory or research, so the user knows what he wants to do in the building. Our webapplication helps the user to translate his needs into requirements of a new building. Those are the necessary basis for the planners and architects to design the building and give it a shape. Therefore we offer an export into a standard CAD-Format (IFC). This enables BIM proceeding in an early stage. The user gets a lot of assistance by automated suggestions for rooms he should consider out of our library. Those rooms are samples and come a long with suggestions for a lot of attributes, that describe the room. So the planning with a our central data base becomes faster and reaches a higher quality.

The Team

Location: Fraunhofer IFF, Magdeburg

Members: Nicole Mencke, Sebastian Häberer, Stefanie Samtleben, Eyk Flechtner

AHEAD Infos

Batch: 06/2022   **Phase:** 1   **Track:** Licensing

The Business Model

Unique Selling Proposition: Our Web Application is easy to use and makes knowledge and experience from old projects reusable.

Unfair Advantage: connection between knowledge of the process, factory planning and the resulting assistance functions, that is available in a userfriendly software

Revenue Model: Software as a Service, On Premise, additional Services (qualification, individual exports, etc.)

Venture Readiness Level

VRL	Ideation	Incubation	Traction	Growth

Technology Readiness Level

TRL	1	2	3	4	5	6	7	8	9

The Side Facts

Customer Focus: B2C

Searching For: mentors

Industry Tags: Real estate, software & services

Technology Tags: Digital twin, user engagement

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Industry Tags

automobiles & parts, banks, chemicals, construction & materials, energy, oil & gas, financial services, food & beverage, health care, industrial goods & service, insurance, investment instruments, materials, media, personal & household goods, real estate, retail, semiconductors & semiconductor equipment, software & services, technology hardware & equipment, telecommunications, travel & leisure, utilities

Technology Tags

3D printing, agriculture innovation, artificial intelligence, augmented reality, autonomous mobility, big/smart data, bioecrowd managementengineering, bioengineering, blockchain, brain-computer interface, circular economy, clean tech, customization, cybersecurity, deep learning, digital currencies, digital healthcare, digital twin, energy harvesting, ethical consumption, food alternatives, image recognition, internet of things, lab equipment, last mile solution, location-based services, machine learning, machine sensing, medical devices, mobility, nano engineering, natural language processing, new materials, open data, optical character recognition, orbital insights, performance marketing, personalized treatment, preventive healthcare, quantum computing, remote healthcare, robotics, security tech, self-tracking, sensors, smart cities, smart factory, smart home, space frontiers, urban resilience, user engagement, virtual reality, wearables technologies, zero waste