Project description

**The challenge**

MSF staff faces several challenges in the field due to, that infrastructure solutions are often maladapted to the ongoing medical activities in the field. This is related to the fact that our suppliers are often not aware of the contextual characteristics of MSF’s work, but also to the fact that the **selection and evaluation processes of MSF are currently performed ad-hoc**, being highly dependent on the individual capacities of the person responsible.

**The goal**

This project aims to improve the way medical infrastructure is organized, evaluated and selected by MSF.

We want to design an easy-to-use catalogue with clear links to needs and practice in the field. This catalogue will enable MSF to identify gaps and needs and **proactively search for solutions** rather than being dependent on the approach of commercial partners. In addition, this project should help enable a more effective communication between MSF and its suppliers by establishing a mutual understanding of needs and capabilities.

**I also want to add that...**

The catalogue concept being developed belongs to a larger vision of field support.

During the OCB Logco week in June 2016, we will present and evaluate the searchable catalogue prototype with a complete shelter and prefab benchmark.

There is a strong possibility for the once involved with this challenge can continue to contribute to the project in a longer term.

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**Challange:**

•         **Develop a progressive (web and phone) web-application based on a visual mockup, and interaction flow definition.**

•         **Create a data model and implement a database structure based on defined criteria (separate document).**

**Preferred technology:**

**Client: Angular2, React**

**Database: SQL Server / Postgres / MySql**

**WebApi: .NET Core? Suggestions?**