WEB APPLICATION FOR TRACKING MACHINE TOOLS AND PROVIDING DOCUMENTATION

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**Background & rationale**

In machine tools supplying industry there is a problem of providing integrity of the machine itself and all necessary documentation for all levels of users. While being operated, crucial manual papers, service books are not taken into account as they are not properly provided or lost. To leverage the quality of service, the supplier will complement each machine tool with posted QR code, which links to a file repository with information about this particular machine: its additional equipment, spare parts list, service schedule, maintenance regulations, passport and manuals. Also, for supplier there will be an opportunity to receive feedback about machine and provide spare parts.

**Goal & objectives**

The primary goal of the project:

To build a web application which can link unique machine tool with the virtual repository with relevant data.

Secondary objectives:

1. To develop specifications for the application
2. To explore and choose appropriate technologies
3. To build a server side logic and repositories
4. To design the application for different kinds of users
5. To test the application
6. To develop technical documentation for the application