GEM SYSTEM

REFERENCES OF THE PROJECT FOR THE STABILIZATION OF THE DEVELOPMENT PROCESS OF THE AWIS CASH REGISTER SYSTEM
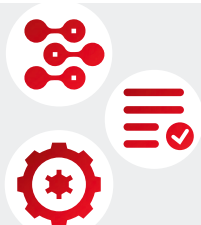
PROJECT OBJECTIVE

The aim of the project was to stabilize and further improve the quality of the development of the AWIS Kasa cash register system for the client AWIS Holding.

AWIS ®
POKLADNÍ SYSTÉMY

The AWIS Kasa system is installed in several thousand users on the Czech market (the system is used by Bonavita, Miele and Sushi Time Praha, among others). Thanks to its ability to react to rapid legislative changes, especially regarding electronic sales records, the company has gained a significant position on the market. At the same time, however, with the increasing number of clients and their development requirements, it was necessary to optimize the development of the POS system with an emphasis on even higher quality of the distributed versions of AWIS Kasa.

PROJECT IMPLEMENTATION

Based on the client's request, the existing development process of AWIS Kasa was analyzed and based on the results of this analysis, consultations and trainings were conducted to optimize the development in several key development phases:

✔ **DEVELOPMENT MANAGEMENT** – the agile principle of development was set up with regard to the changing requirements of customers of the POS system, key KPIs of individual phases of development management and links to individual development phases were defined, responsibilities of development roles were defined, training of managers on key skills of working with people in the IT environment was carried out.

✔ **ANALYSIS** – the analytical outputs were standardized towards development in accordance with the UML 2.0 methodology and the application was prototyped by using mockups.

✔ **DEVELOPMENT** – in view of the need for parallel development, a GIT repository was deployed on this project and standards for working with the GIT repository were defined. Key developers were trained on the principles of working with GIT and Bitbucket (+ Sourcetree). Furthermore, the boundaries of working with automated tests were defined before the release to the testing phase.

✔ **TESTING** – testing of the application was divided into several testing stages (Functional, Integration, Performace, Regress, Smoke). The process of preparing and executing test plans in the TestLink environment was introduced.

INTEGRATION AND DEVELOPMENT

BUSINESS INTELLIGENCE

SAFETY

MANAGEMENT AND SUPPORT