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| 1. **Name of the challenge***:*   RychlýNákup.cz (Quick purchase) |
| 1. **Context*:***   *RychlýNákup.cz is a tool that helps people to organize family shopping lists and helps with orientation within a shopping malls.*  *Target group: mass market* |
| 1. **Problem:**   *Many people spend time searching for the best-priced groceries or looking for a particular product in a big store. The goal is to design a solution that will make it easier to compare the prices of products in different stores and make it easy for the customer to find the goods he or she is looking for.*   1. **Additional info (for internal use):**   *Expected delivery: project schedule, business model, business case, use cases, wireframes, technical description, test cases*  *Instruments: word, excel, MS project, analytical tools (EA), graphical tools* |
| 1. **Skills of the team (for internal use):**   Analytical skills, basic programming skills, knowledge of project management |
| 1. **About the Seeker:**  |  | | --- | | 5**. About the Seeker:**  Czech Technical University in Prague, Faculty of Information Technology, Department of Software engineering  Czech Technical University in Prague is one of the biggest and oldest technical universities in Europe.  CTU currently has eight faculties (Civil Engineering, Mechanical Engineering, Electrical Engineering, Nuclear Science and Physical Engineering, Architecture, Transportation Sciences, Biomedical Engineering, Information Technology) and about 21,000 students.  CTU´s Department of Software Engineering focuses on the theory and methodology of object-oriented programming, virtual machines, database systems, and formal methods and approaches to databases and software engineering. Current research areas include the construction of XML-native database engines and transaction processing, functional approach to XML data processing based on lambda calculus and type systems, and theoretical (in particular, category-based) approaches to the design of formal frameworks for database modelling. Other research interests include interpreters, debuggers and transformation systems as tools for software development. | |