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| 1. **Name of the challenge***:*   *SimpleTrip.cz* |
| 1. **Context*:***   *SimpleTrip is an application for planning trips. There are a lot of similar applications in the Czech market but none of them allows you to plan your trip completely from the beginning till the end. Based on your input data, SimpleTrip will show you the direction and exciting places to visit (for examples castles and palaces, ruins, restaurants, riverside etc.). You can even buy your tickets via this application.*  *Target group: young people who want to travel and young families with children* |
| 1. **Problem:**   *You are a traveller and want to travel to the South of Bohemia and you do not know where to stay and what exciting places you can see. This problem can be solved by SimpleTrip application.*   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 |
| 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. |