This work describes software reengineering of Umbrela that is a web application for collecting quantitative data for marketing research.

**PROBLEM**
- Legacy software
- Outdated technologies
- Usability problems
- Lost data
- Data synchronization

**CONTRIBUTION**
- Modern technologies
- Continuous integrations and delivery
- Component architecture
- New user interface design

**RESULTS**
- Functional application with positive feedback
- Consulted new roadmap for future development

**ABOUT**

**CONTRIBUTION**

**PROBLEM**

**RESULTS**

Umbrela is very helpful application that efficiently collected data and information for my project. It is perfectly targeted to student needs and I highly recommend it to others!

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- 17,790 respondents over 8 months
- 328 new registered users over 8 months
- 38% growth of respondents over 8 months

The data can be presented in application or they can be exported for further research.

Just to name few form functionalities: fully configurable, built Internationalization, and team collaboration.

It all starts with creation of a sheet where the user submits questions that can be edited any time.