



# SOFTWARE PRACTITIONERS' PERSPECTIVES ON THE IMPACT OF HUMAN ASPECTS ON REQUIREMENTS ENGINEERING (RE)

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## At a glance



### Goal

Identify the perspectives of software practitioners on the impact of human aspects on RE-related activities.



### Strategies

- Employ a survey research method with 111 software practitioners globally.
- Follow the non-probabilistic purposive sampling technique.
- Use a mixed-method approach for the data analysis (descriptive statistics and socio-technical grounded theory).

## Key outcomes



### Importance of human aspects on RE

Motivation, Domain Knowledge, Attitude, Communication skills, and Personality were rated highly important.



### Factors that motivate practitioners

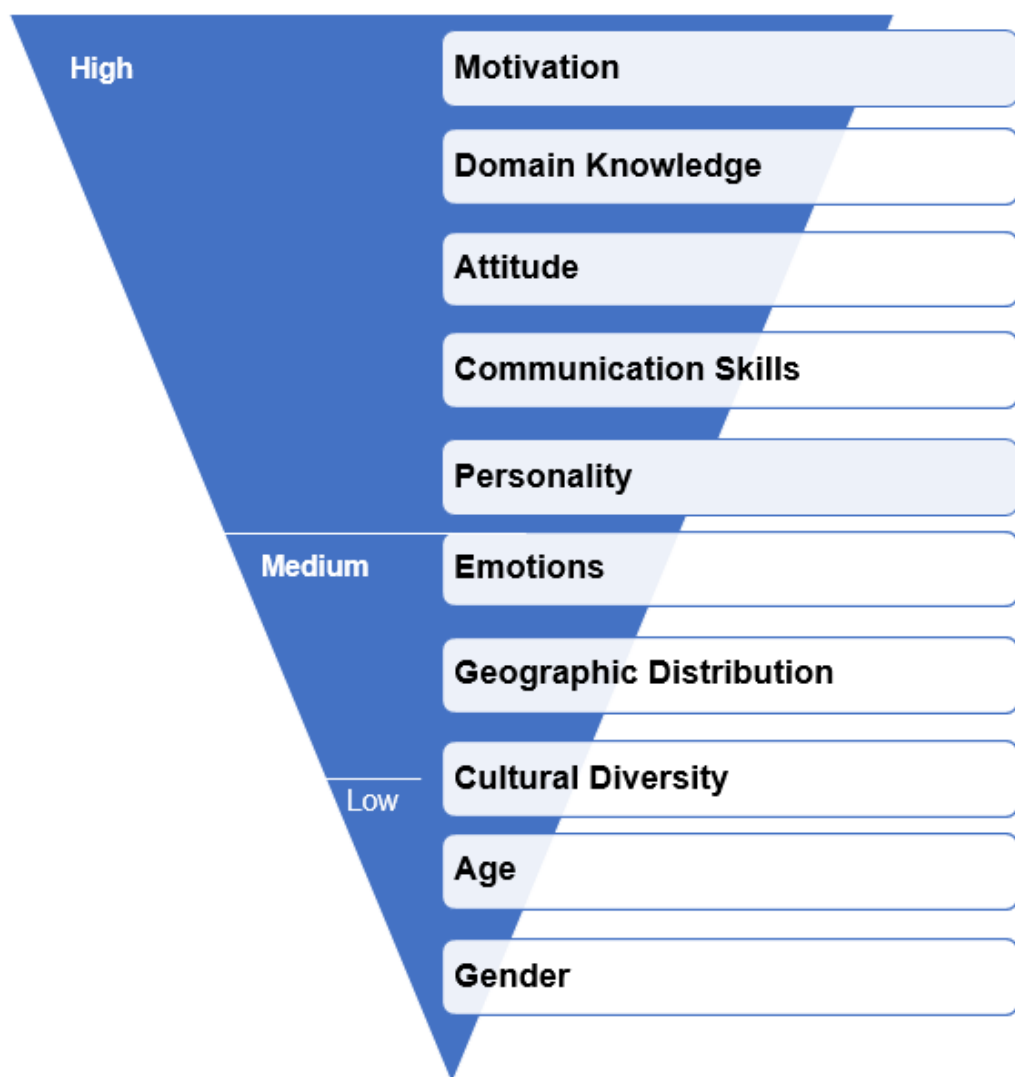
Key factors such as client engagement, culture, satisfaction and outcomes were motivators for individuals when involved in RE-related activities and their impact.



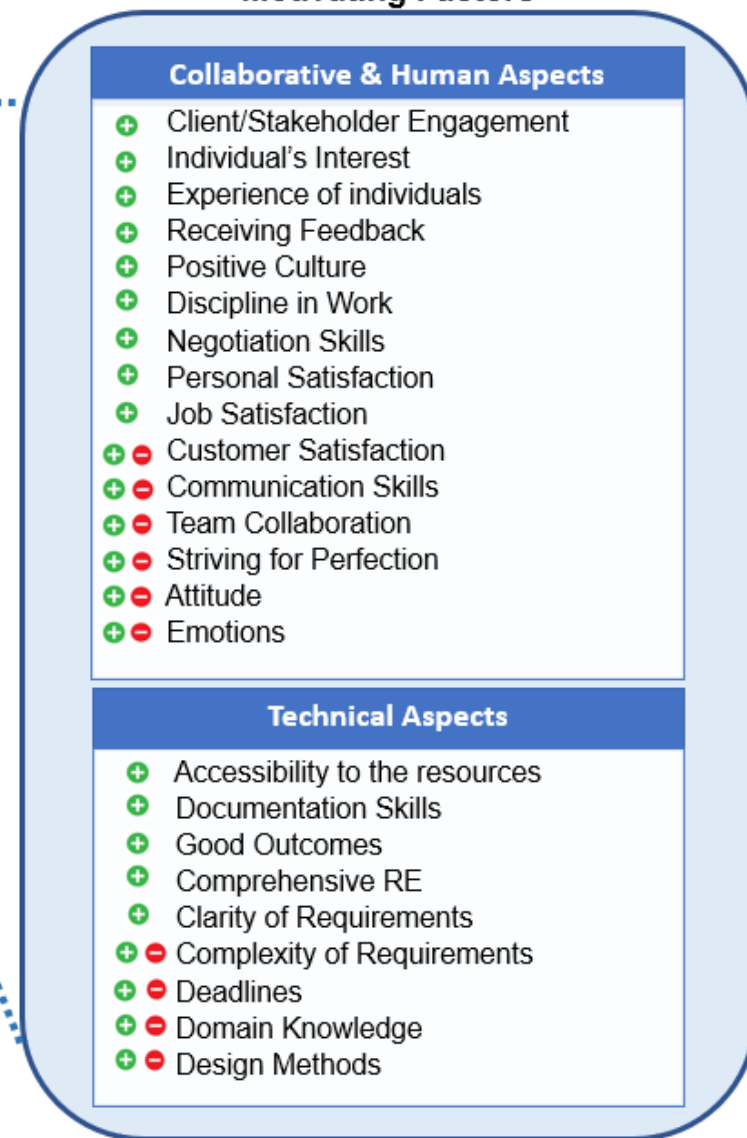
### Factors that lead to poorer RE outcomes

Key factors that made software practitioners less effective included workload, unclear requirements and constant requirement changes when involved in RE-related activities.

## Human Aspects influencing RE



## Motivating Factors



+ - Factors that positively affect motivation

+ - - Factors that positively and negatively affect motivation

## Left

Human aspects influencing RE as rated by practitioners through a quantitative analysis.

## Right

A breakdown of motivation factors which were uncovered via a qualitative analysis.

## Learn more

To discover more about this project, [access the full research paper](#), contact [Dr Hidellaarachchi](#) or scan the QR code.



## Acknowledgements

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