

MOTIVE-METRICS

A JIRA PLUG-IN FOR PERSONALITY, MOTIVATION AND PERFORMANCE TRACKING

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At a glance



Goal

Develop the first-ever tool to enhance RE-related activities by tracking human aspects (personality and motivation) and their impact on performance and satisfaction.



Strategies

Develop a Jira plugin prototype 'Motive-Metrics' that can:

- can help capture developers' personality and motivational influences on RE activities
- effectively monitor developers' satisfaction and performance on their RE tasks
- prove to benefit managers and team leaders in tracking the influence of personality and motivation on satisfaction and performance.

Key outcomes



Human aspects capture

Motive-Metrics can functionally capture personality and motivation.



Developers' outcome metrics

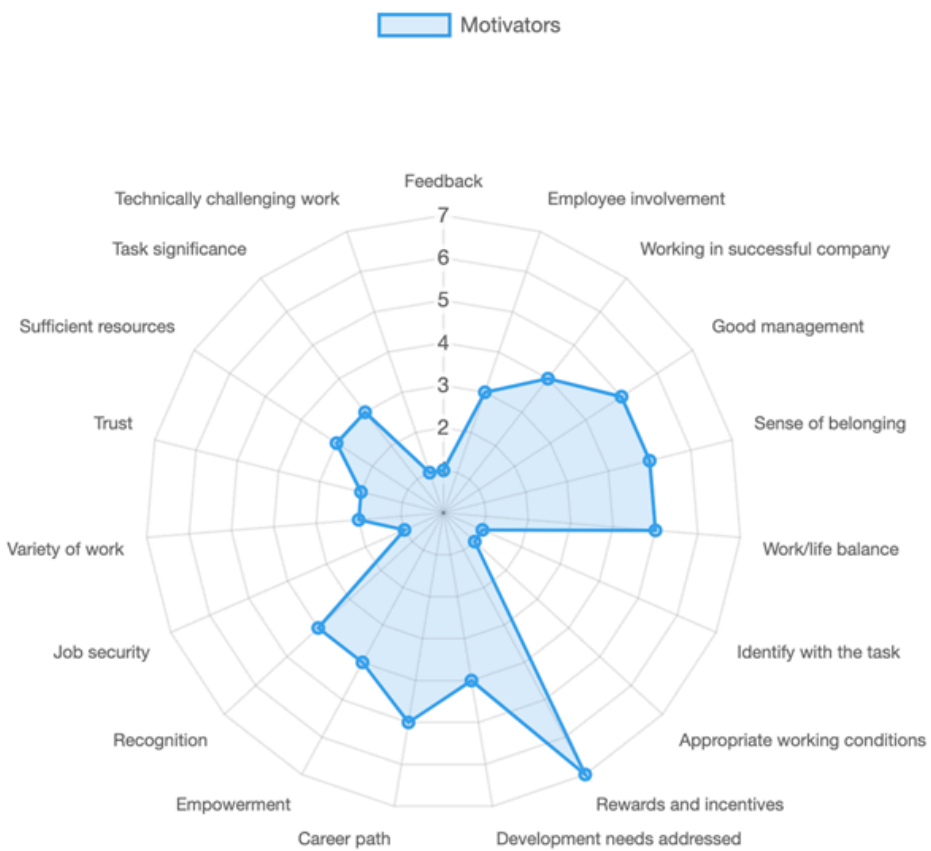
Motive-Metrics can functionally capture developers' performance and satisfaction.



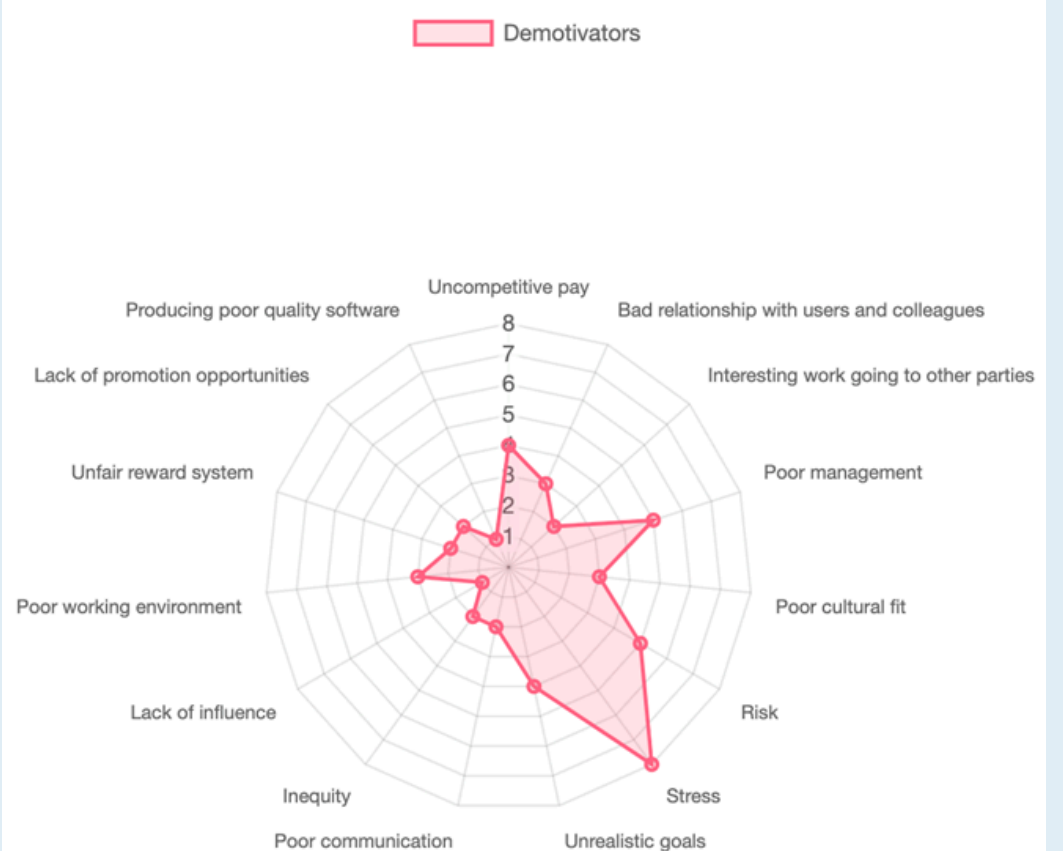
Human aspects influence

Managers were able to track their team's performance and satisfaction with RE-related tasks well with Motive-Metrics.

Motivators



Demotivators



Captured motivators and demotivators by the Motive-Metrics Jira Plugin



We will continuously improve the tool based on participant feedback such as better visualisation, informative texts and UIs, and industry evaluations.



Due to time constraints, this study's evaluations were done with student software development groups interacting with mock Jira issue.

The sharing of personalised profiles and peer assessments of performance also require careful management to avoid misuse.

Learn more

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



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