

# Evaluation and Testing Approach

To test the effectiveness of our power-up and to elicit feedback, we will systematically test with the participation of industrial software engineers. They will be approached privately as an invitation to participate.

The Trello power-up can be divided into two primary components; the first component consists of team members being able to enter their emotional reactions with respect to tickets. The second component will be the manager analytics dashboard that will enable them to view statistics regarding the emotional responses of team members. Our evaluation testing will target both of these components.

The participants will be given access to an example Trello board, link to a video demonstrating the tool, and a review form. After trying the tool and/or watching the video, participants are expected to fill in the review form that will involve simple questionnaires designed to elicit direct user feedback regarding the usefulness and effectiveness of the tool.

The results of these surveys will then be used to formulate additional refinements and improvements to the power-up.

The 'team member' form can be viewed here:

[https://docs.google.com/forms/d/10x-gKWPG6WNpr99j6OcoyZfYu8AjuXrFq3jc5UguJ7s/edit?usp=drive\\_web](https://docs.google.com/forms/d/10x-gKWPG6WNpr99j6OcoyZfYu8AjuXrFq3jc5UguJ7s/edit?usp=drive_web)

The 'manager' form can be viewed here:

[https://docs.google.com/forms/d/18WvkMw4u6OExXliT14UQ2mnt8h4iMVaH8-2h\\_kgoX2Y/edit](https://docs.google.com/forms/d/18WvkMw4u6OExXliT14UQ2mnt8h4iMVaH8-2h_kgoX2Y/edit)