# RETRACTED ARTICLE: Facilitating debugging of web applications through recording reduction <br> <br> A family of empirical studies 

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The Editors-in-Chief have retracted "Facilitating debugging of web applications through recording reduction" (https://doi.org/10.1007/s10664-017-9519-z) following an investigation by the University of Nebraska-Lincoln providing evidence of fabricated data used to evaluate the research results. Authors Ali Alakeel, Brian Burg, Gigon Bae, Gregg Rothermel agree to this retraction. Author Mouna Hammoudi has not responded to any correspondence from the editor or publisher about this retraction.

The online version of this article contains the full text of the retracted article as electronic supplementary material.

Electronic supplementary material The online version of this article
(https://doi.org/10.1007/s10664-017-9519-z) contains supplementary material, which is available to authorized users.

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