



International Journal of Engineering Research and Applications (IJERA)

CERTIFICATE

It is certify that the paper entitled by *“Detecting Design Smells Using Machine Learning: A case study”* has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Ebtehal Alnaihom
Journal Name: International Journal of Engineering Research and Applications (IJERA)
Journal Web: www.ijera.com
Journal Type: Online & Print (Both)
Review Type: Peer Review Refereed
ISSN: 2248-9622
Vol No.: 13
Issue No.: 09
Publication Month: September
Publication Year: 2023



Editor-In-Chief
International Journal of Engineering Research and Applications (IJERA)
E-mail ID: ijera.editor@gmail.com
Web: www.ijera.com



International Journal of Engineering Research and Applications (IJERA)

CERTIFICATE

It is certify that the paper entitled by “*Detecting Design Smells Using Machine Learning: A case study*” has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Huda Alzureedi
Journal Name: International Journal of Engineering Research and Applications (IJERA)
Journal Web: www.ijera.com
Journal Type: Online & Print (Both)
Review Type: Peer Review Refereed
ISSN: 2248-9622
Vol No.: 13
Issue No.: 09
Publication Month: September
Publication Year: 2023



Editor-In-Chief
International Journal of Engineering Research and Applications (IJERA)
E-mail ID: ijera.editor@gmail.com
Web: www.ijera.com



International Journal of Engineering Research and Applications (IJERA)

CERTIFICATE

It is certify that the paper entitled by *“Detecting Design Smells Using Machine Learning: A case study”* has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Mrwan BenIdris
Journal Name: International Journal of Engineering Research and Applications (IJERA)
Journal Web: www.ijera.com
Journal Type: Online & Print (Both)
Review Type: Peer Review Refereed
ISSN: 2248-9622
Vol No.: 13
Issue No.: 09
Publication Month: September
Publication Year: 2023



Editor-In-Chief
International Journal of Engineering Research and Applications (IJERA)
E-mail ID: ijera.editor@gmail.com
Web: www.ijera.com