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| Journal Name: | [**Asian Journal of Research in Computer Science**](https://journalajrcos.com/index.php/AJRCOS) |
| Manuscript Number: | **Ms\_AJRCOS\_133746** |
| Title of the Manuscript: | **Enhancing Automation QA Engineering with Advanced AI Techniques in Complex Distributed Systems** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This article proposes AI techniques in automation sectors of large scale industries in quality assurance.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes** |  |
| Is the manuscript scientifically, correct? Please write here. | When the paper outlines the importance of AI techniques in QA, it lacks in sufficient literature reviews and comparisons. | Thank you very much for the insightful feedback.I fully agree with your comments. As suggested, I've expanded the literature review section to include recent advancements and state-of-the-art AI methods currently adopted in industrial QA automation practices. Additionally, we've included a comparative discussion to position our study clearly within the existing literature. These revisions have been clearly highlighted in the updated manuscript to reflect your valuable suggestions. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Nowadays, industries started using AI techniques in automation sectors. Hence, the authors may incorporate the latest methods available in literature review section and compare them with their study. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | **The article may be accepted for publication with suggested revisions.** |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |