Paper Title

Name1*, Name2†, Name3‡ and Name4§
Computer Engineering Dept., Faculty of Engineering, Cairo University
Cairo, Egypt
*name1@hotmail.com, †name2@gmail.com, ‡name3@gmail.com, §name4@eng-st.cu.edu.eg

Abstract—Insert abstract text here
Index Terms—Insert keywords here

I. Introduction

Insert introduction here

II. Related Work

Insert related work here

III. Proposed Approach

Insert proposed approach here

IV. Experimental Analysis

A. Assumptions

Insert assumptions here

B. Experimental Scheme

Insert I/O here

C. Performance Metrics

Insert performance metrics here
Insert simulation output here

D. Performance Comparisons

Insert experiments comparisons here

E. Observation

Insert observation here

V. Conclusion and Future Work

Insert conclusion and future work here

References

[1] H.S. Behera, Reena Kumari Naik, Suchilagna Parida, "Improved multilevel feedback queue scheduling using dynamic time quantum and its performance analysis", International Journal of Computer Science and Information Technologies, vol. 3, no. 2, 2012, pp. 3801-3807.

[2] MohammadReza EffatParvar, Karim Faez, Mehdi EffatParvar, Mehdi Zarei, Saeed Safari, "An intelligent MLFQ scheduling algorithm (IMLFQ) with fault tolerant mechanism", Sixth International Conference on Intelligent Systems Design and Applications, vol. 3, 2006, pp. 80–85.

[3] Rakesh Mohanty, H. S. Behera, Khusbu Patwari, Monisha Dash, "Design and performance evaluation of a new proposed shortest remaining burst round robin (SRBRR) scheduling algorithm", International Symposium on Computer Engineering & Technology, vol. 17, 2010.

[4] S. K. Dwivedi and R. Gupta, "A simulator based performance analysis of multilevel feedback queue scheduling", 2014 International Conference on Computer and Communication Technology (ICCCT), Allahabad, 2014, pp. 341-346.

[5] Malhar Thombare, Rajiv Sukhwani, Priyam Shah, Sheetal Chaudhari, Pooja Raundale, "Efficient implementation of multilevel feedback queue scheduling", 2016 International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, 2016, pp. 1950–1954.

[6] S. Raheja, R. Dadhich, and S. Rajpalc, "Designing of vague logic based multilevel feedback queue scheduler", Egyptian Informatics Journal, vol. 17, 2016, pp. 125-137.

[7] A. Alsheikhy, R. Ammar and R. Elfouly, "An improved dynamic Round Robin scheduling algorithm based on a variant quantum time", 2015 11th International Computer Engineering Conference (ICENCO), Cairo, 2015, pp. 98-104.

[8] M. K. Mishra and F. Rashid, "An improved round robin CPU scheduling algorithm with varying time quantum", International Journal of Computer Science, Engineering and Applications (IJCSEA), vol. 4, 2014.

[9] A. Singh, P. Goyal and S. Batra, "An optimized round robin scheduling algorithm for CPU scheduling", International Journal on Computer Science and Engineering, 2010, pp. 2383-2385.

[10] Dipto Biswas, Md. Samsuddoha, "Determining proficient time quantum to improve the performance of round robin scheduling algorithm", International Journal of Modern Education and Computer Science(IJMECS), vol. 11, 2019, pp. 33-40.

[11] K. Hoganson and J. Brown, "Real-time scheduling with MLFQ-RT multilevel feedback queue with starvation mitigation", 2017 International Conference on Engineering, Technology and Innovation (ICE/ITMC), Funchal, 2017, pp. 155-160.