Foreword and Editorial

International Journal of Software Engineering and Its Applications

We are very happy to publish this issue of an International Journal of Software Engineering and Its Applications by Global Vision Press.

This issue contains 3 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

In the research "Routing Adjustment for Load Balancing in Software Defined Networks", when a software defined network (SDN) is load unbalanced, routing paths need to be adjusted in order to achieve load balance. To serve the purpose, we can use existing optimal routing path algorithms to find the optimal path in each routing. However, when we use such an algorithm and find an optimal path, other existing paths must be correspondingly adjusted due to the changed link loads, i.e., it takes more adjustments to reach load balance. To improve the situation, we present a 1-adjustment approach (in contrast to existing m-adjustment approaches) which will consider all routings (instead of one at a time) and engage one adjustment only. We also set up an Improved 1-adjustment approach which first considers only part of the routings and will cover more routings only on demand, to decrease the numbers of changed paths and out-of-order packets. Simulation results show that our 1-adjustment approaches outperform existing m-adjustment approaches in balancing the loads in SDNs.

In the paper "Integrating an Optimized ACO and EBA for Scheduling Multiple Tasks", successful product undertaking planning will be crucial, at dealing with the improvement from claiming medium will substantially scale ventures to meet the due date furthermore plan. Those transform of product undertaking planning incorporates a portion obligations "identify one task activities, distinguish movement dependencies, estimate assets to activities, dispense individuals to activities, and also make venture charts". The purported task planning issue (PSP) arrangements with those fourth obligations which allocate workers for certain abilities should exercises (tasks) Along these lines that those obliged targets (project cost, duration, and so forth throughout this way, observing and stock arrangement of all instrumentation may be enhanced) could a chance to be attained subject will Different imperatives. Handy designations need aid extremely critical to product projects since mankind's assets would their fundamental assets. PSP may be illuminated In light of those data got starting with former duties, i.e., the identified tasks, undertaking dependencies, and the evaluated exert obliged for errands Gave Eventually Tom's perusing those product chiefs. Besides, a majority of the data regarding the accessible workers their salaries and abilities will be likewise necessary.

In the paper entitled "A Framework for Evaluating Performance of Algorithms Extracting the Main Content from a Web Page", main content extraction is a core element of web mining which extracts only those areas that have independent information of single web page. Because of rapid change of a web technology, it is hard to maintain experiment environment accurately. Furthermore, its scale, which varies depending on the approach of each algorithm, should be unified based on approach. Finally, sufficient flexibility to be able to respond to

algorithms and web environments developed in the future should be guaranteed. In this work, an extensible performance evaluation framework is proposed that can apply several comparison scales and provide safe management functions in web page changes by saving test targets when comparing the performances of several main content extraction algorithms.

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