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Abstract Information

Abstract Title : In-house automated processing of article: An Innovation
Abstract :

Managing editors are usually pressed for time. Accumulation of articles on an editor’s/staff desk delays processing. It is not uncommon for editors to be involved in other engagements. Manually finding an alternative is time consuming. Further, turnover of staff remains a concern. Work of the new staff may include critical aspects like changing of article status eg. ‘With Editor’ to ‘With reviewers’. It requires diligence, as erroneous change can make the article lost in the system. Counter checking this becomes an added work. Similarly altering the process flow, eg senior editor wanting a repeat plagiarism check before acceptance, will require the concerned staff to be updated. At times, flow changes may bring resistance from subordinate staff. We have attempted to automate the processes using an
algorithm based logic in our software. On staff dashboard two buttons were created-‘Process’ and ‘Do not Process’. These behave based on who has logged in and master settings. The master setting decides about the status and other parameters of the article and its next step i.e. whose dashboard the article should move to. Prior to this, it checks current pending work, if it exceeds, the set number the process loops and sends to the next editor. If the options are exhausted a sms is sent to chief editor. All these settings can be easily changed by chief editor.

Consequently, the manual search of an alternative editor and time spent on supervision of a new joinee has decreased, the process flows on its own, the workload got equally distributed among freelancers and Chief Editor is updated of critical bottle necks instantly.

This intelligent thinking algorithm system is in use since last 6 months and has evolved making it more sensitive to the needs. It was especially useful as it improved co-ordination between onsite staff and freelancers. A similar process for post acceptance to publication phase has also been implemented.