Manuscript Double-Blind Peer Review System using ASP.NET Core

1. Overview:

The Manuscript Review System is a web-based platform designed to streamline the process of reviewing and evaluating scholarly manuscripts submitted for publication. This system aims to facilitate efficient and transparent peer review, ensuring the quality and credibility of the published content in academic and research journals. It is a common platform for authors, reviewers and editorial members to submit, review and track manuscript or research paper.

2. Getting Started:

To begin using the Manuscript Double-Blind Peer Review System, follow these steps:

2.1 Account Creation:

Accounts of authors, reviewers, editorial and other members are created by system admin. Fill in the required information and follow the prompts to create accounts.

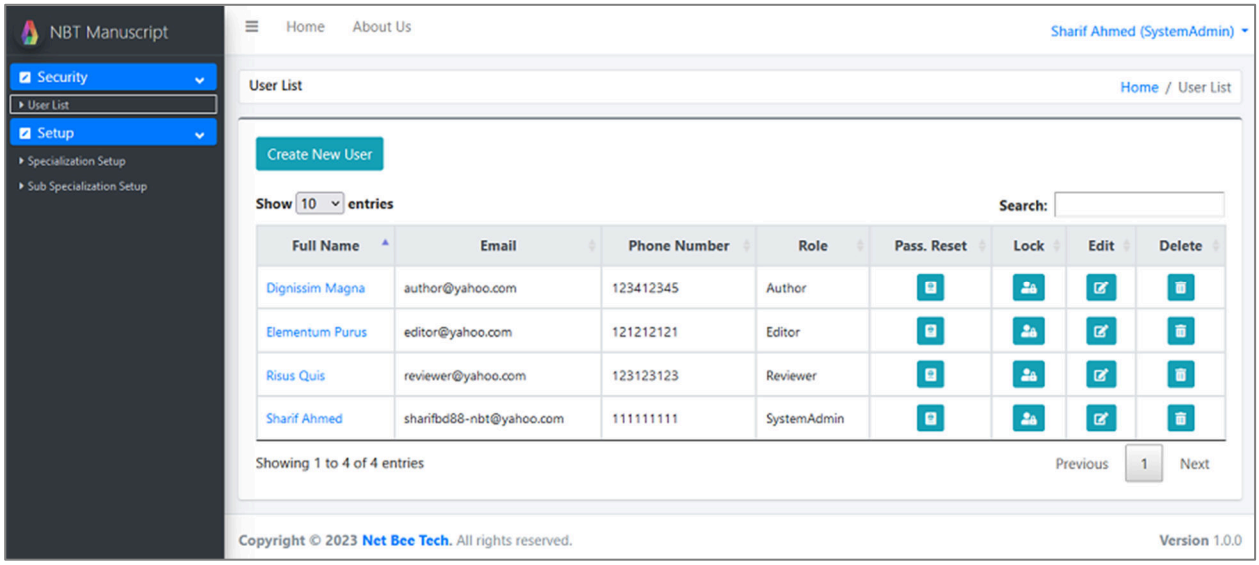

Fig: User Management

2.2 Logging In:

Once your account is created, you can log in using your credentials. Make sure to keep your login details secure.

3. User Roles and Access Control:

The platform utilizes a role-based user management system to ensure precise access control. The roles, including Author, Editor, Reviewer, and System Admin, determine user privileges. Access to the system is granted within specified date ranges or lifetimes, enhancing security and control.

3.1 Editorial Categories:
The system supports various editorial roles, including Associate Editor, Chief Editor, Editor and Special Editor. Each role has distinct responsibilities.

3.2 Reviewer:
Reviewers are created based on specialization and sub- specialization.

4. Manuscript Submission:
Authors can submit their manuscripts through a straightforward process:

4.1 Submission Process:
Authors can submit their manuscripts by reading submission guideline and then providing required details, such as title, journal category, keywords, manuscript file with supporting documents.

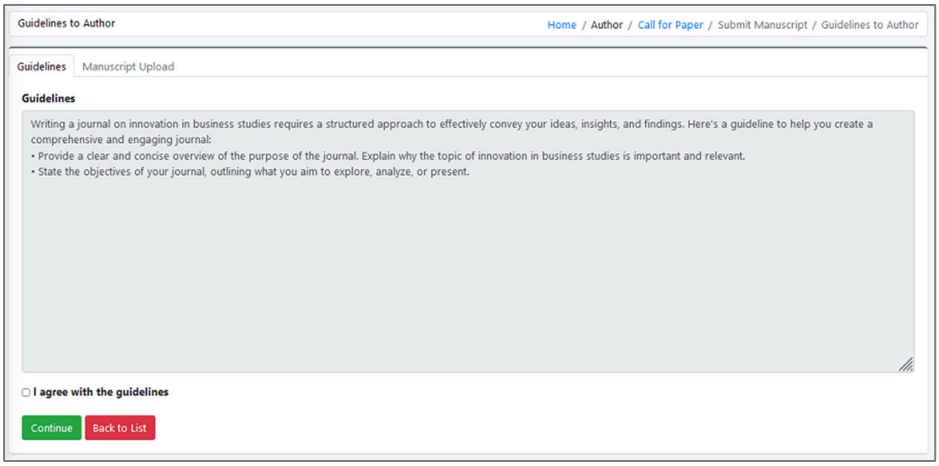

Fig: Manuscript Submission – Guidelines

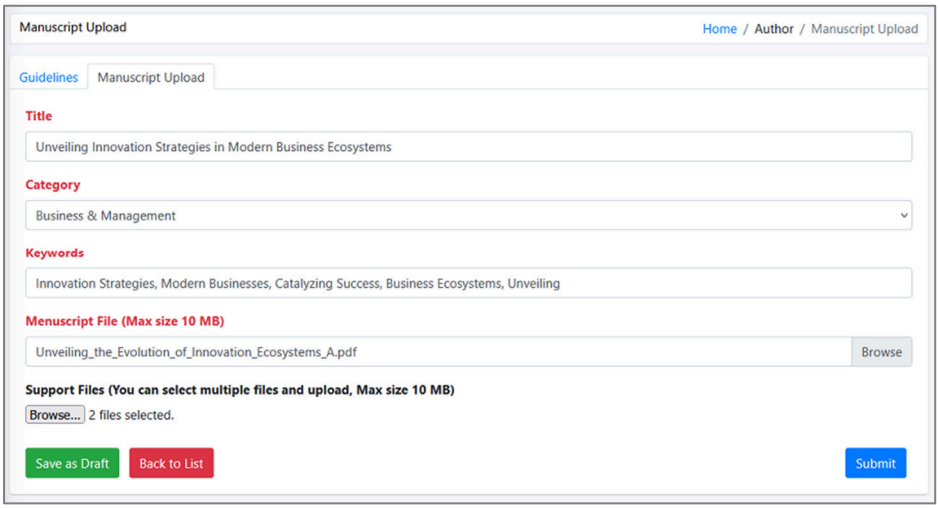

Fig: Manuscript Submission - Details

4.2 Supplementary Materials:
Authors can include supplementary materials to enhance their manuscripts.

5. Review Process:
The review process ensures thorough evaluation of manuscripts:

5.1 Preliminary Desk Checks:
Editors have the opportunity to attach plagiarism reports, assuring both originality and merit of the uploaded manuscript by author.

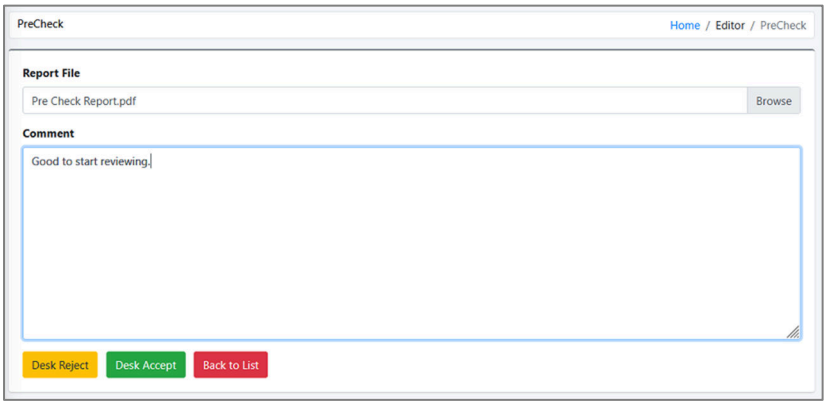

Fig: Pre-check

5.2 Reviewer Assignment:
Editors assign reviewers based on their specialization, matching manuscripts with appropriate experts.

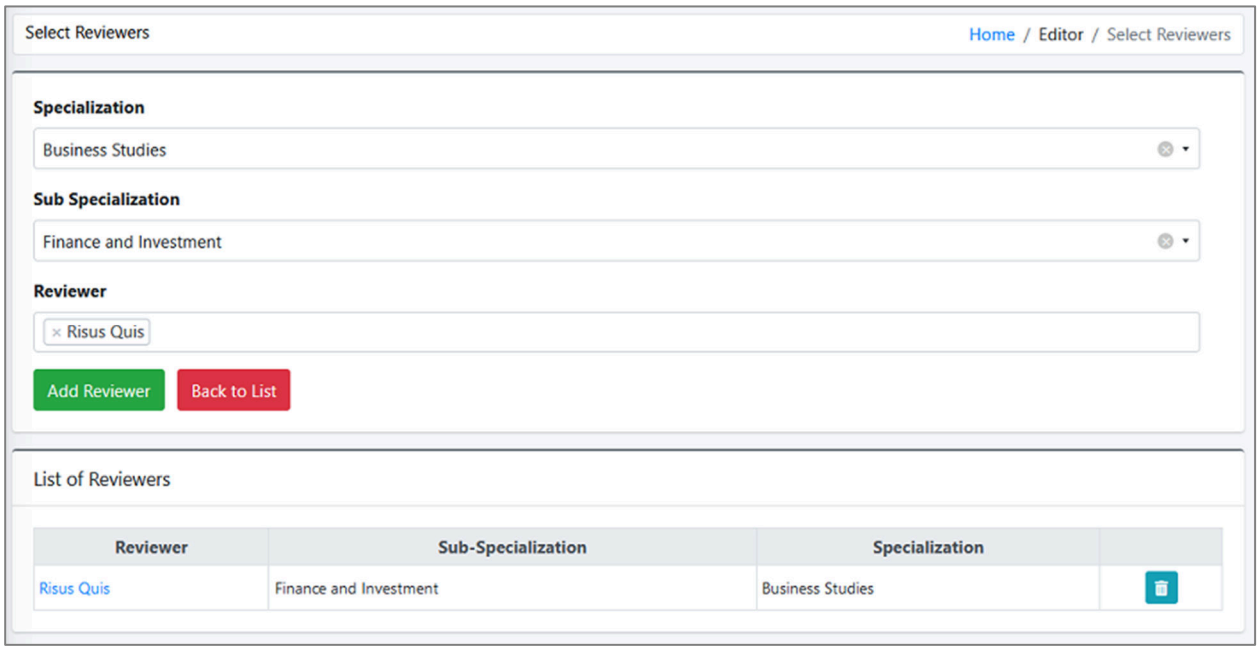

Fig: Reviewers Assignment

5.3 Double-Blind Review:

The system supports double-blind review, preserving the anonymity of both authors and reviewers.

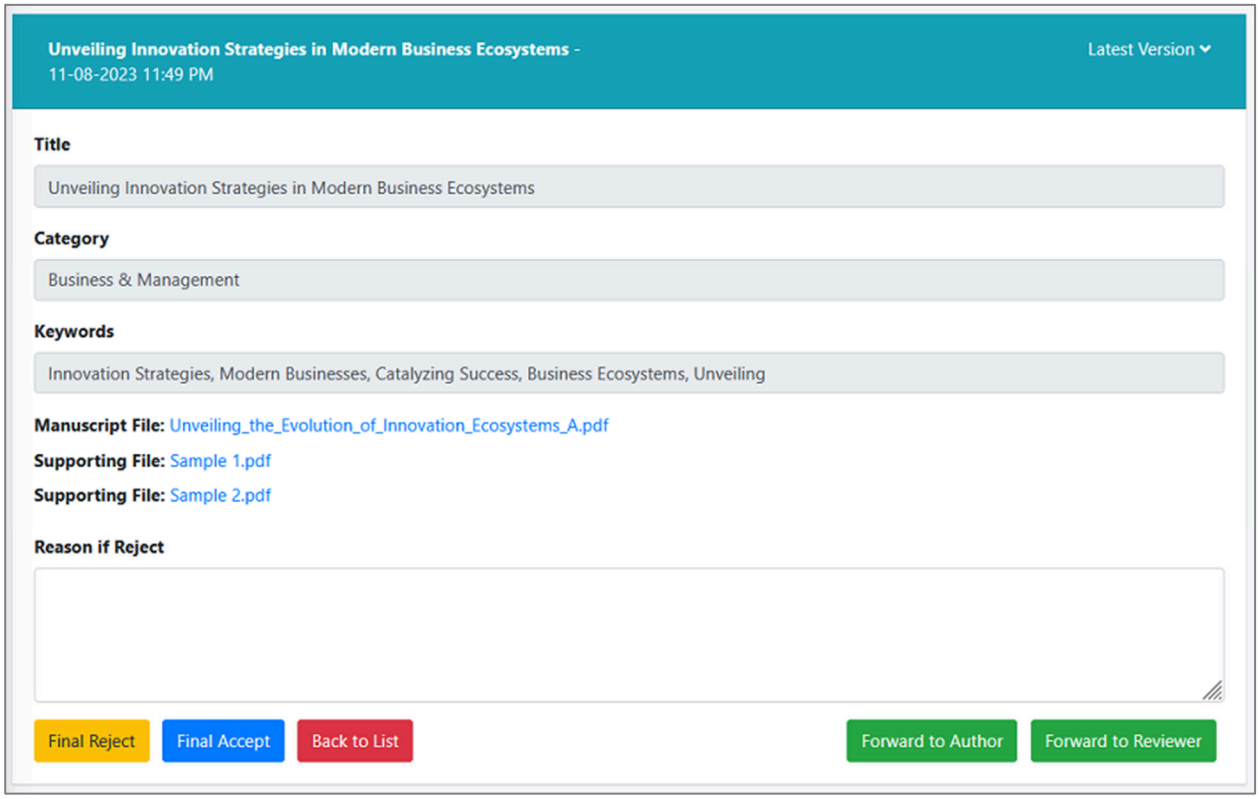

Fig: Forward to Author or Review

5.4 In-app Communication:

Editors and authors can communicate within the platform using the in-app messaging feature. Additionally, editors have the capability to communicate with reviewers, but there is no direct communication facilitated between authors and reviewers.

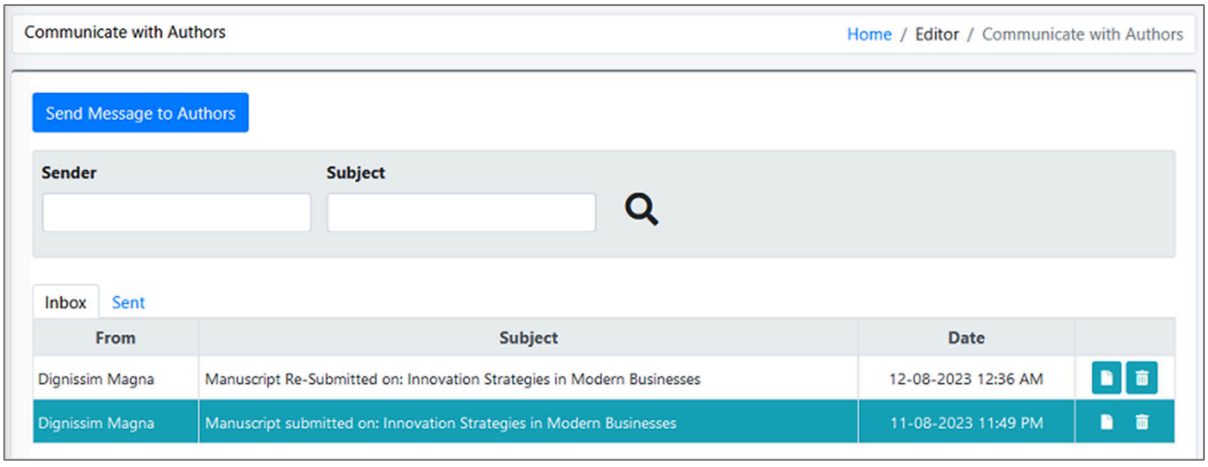

Fig: Communicate with Author/Reviewer

6. Revision Management:

Authors can make revisions and re-submit manuscript based on reviewer feedback, ensuring continuous improvement.

Fig: Manuscript Resubmit

7. Editorial Decision:

Editors can make informed decisions based on reviewer feedback, guiding manuscripts towards publication or suggesting revisions.

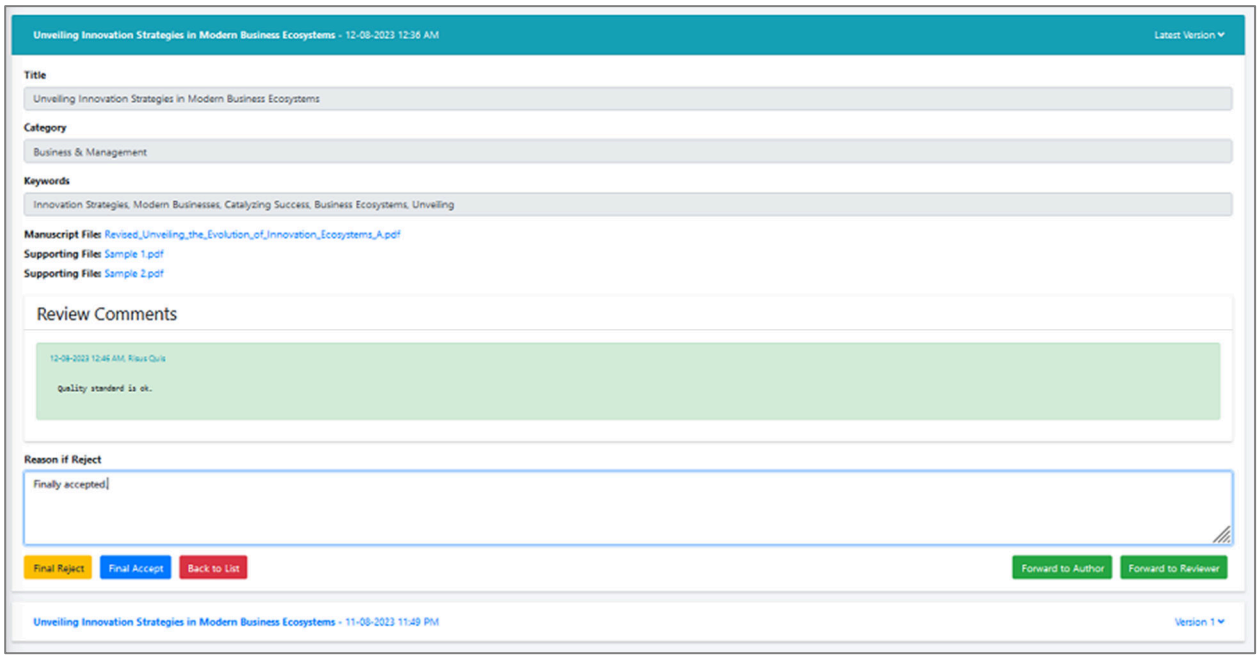

Fig: Final Accept or Reject by Editor

8. Search Functionality:

Utilize the comprehensive search feature to quickly locate manuscripts, reviewers, and more.

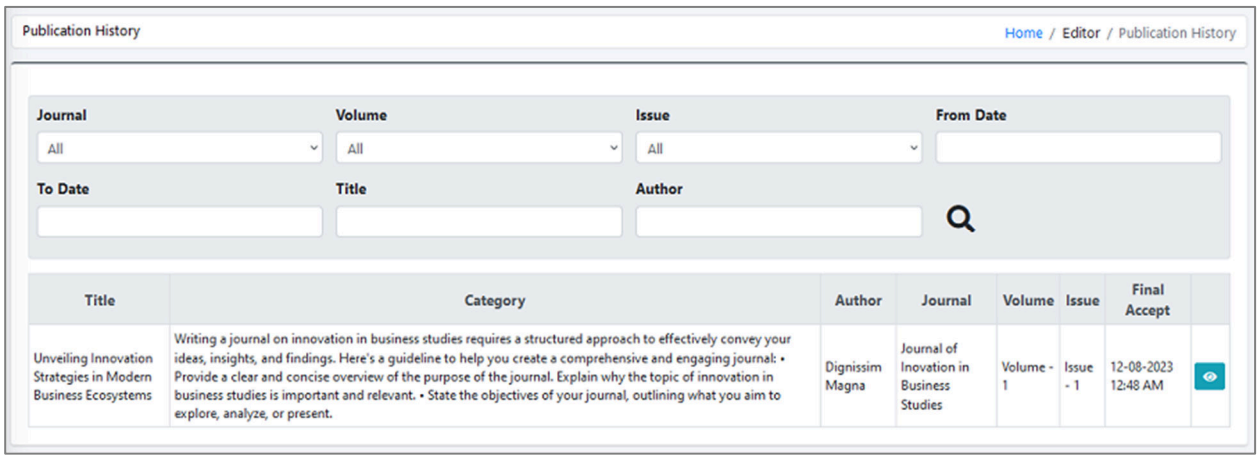

Fig: Publication History

9. Notifications:

The system sends automated notifications for submission updates, review assignments, and editorial decisions.

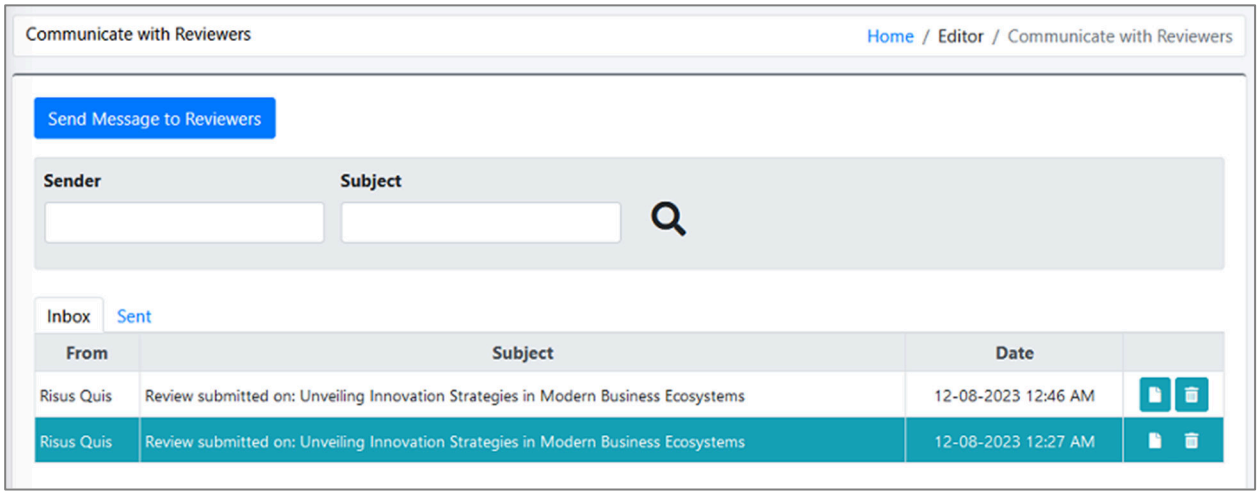

Fig: Notification

10. Conclusion:

The Manuscript Double-Blind Peer Review System offers a powerful platform to streamline manuscript review and publication processes. By facilitating transparent and efficient peer review, the system contributes to the credibility and quality of scholarly publications. Thank you for using our system to advance academic and research endeavors.