

# PENOCRAT WEB SOLUTIONS

## Stakeholders Feature Checklist

**Instructions:** Review the features below and check the ones you need. Notes can be added for specific preferences.

### Frontend Development

Feature	Description	Required	Additional Notes (if available)
User Interface (UI)	Custom design reflecting the institution's branding		
Mobile Responsiveness	Ensures compatibility with mobile, tablet, and desktop devices		
Accessibility Compliance	WCAG standards for users with disabilities		
Navigation & UI Components	Intuitive navigation, dropdowns, buttons, and search features		
Article display and formatting	Well structured formatting for published articles		

### Backend Development

Feature	Description	Required	Additional Notes (If Available)
User Authentication	Secure login/sign-up for different user roles		
Database setup	Storage for submissions, users, and reviews.		

Content Management System	Admin dashboard for managing articles and users		
Submission workflow	Author submission system with file uploads and metadata entry		
Peer-review system	Editor assigns reviewers, tracks progress, and manages decision		
Notification System	Email alerts for submissions, reviews and status updates.		
Searching and Filtering	Advanced search and filtering options for articles		

### Integrations & Add-ons:

Feature	Description	Required	Additional Notes (If available)
Payment Processing	Supports paid access models (e.g., pay-per-article or subscriptions) for monetization.		
DOI Assignment	Automatically assigns a Digital Object Identifier (DOI) to each published article, making it citable and trackable.		
API Integrations	Enables third-party tools integration (e.g., ORCID, plagiarism checkers)		
Analytics and Reporting	Tracks usage statistics, autometrics and submission trends		

Backup and security	Automated backups and security features to prevent data loss		
---------------------	--	--	--

## Hosting and Maintenance

Feature	Description	Required	Additional Notes (If any)
Domain & Hosting	Includes setup and yearly renewal of the website's domain and hosting service.		
SSL Certificate	Secure connection for encrypted data transfer		
Security Updates	Regular patches, vulnerability fixes, and backups to ensure data protection and site stability.		
Technical Support	Ongoing troubleshooting and assistance for any website issues.		