NIKE: Integrating Workflow, Digital Library, and Online Catalog Systems
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3. NIKE SYSTEM

Main features

- Database: A new Oracle database extending a pre-existing NIST database to support the needs of all the NIST laboratories. Tables store user, organizational, process, and metadata information.
- Web Interface: The web interface will be used for manuscript submission, approval process, editorial review, searching, locating records, and creating reports.
- Online Library Catalog: The online catalog provides journal authority control, a sophisticated search engine, and links to published digital documents.
- Crosswalk: A software program using Perl scripting is being developed to automatically migrate the captured relevant data in the new Oracle database to the integrated library system. The crosswalk will work seamlessly between the NIKE and online catalog systems.
- Server: The NIKE system will house full-text manuscripts, final published documents and supplemental files.

4. PHASED RELEASES

<table>
<thead>
<tr>
<th>Phase I</th>
<th>Phase II</th>
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<tr>
<td>Submit and track a manuscript</td>
<td>Online peer-review</td>
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