Functional requirements

The DMS must have the following functional requirements:
- The DMS should allow to log in with as ADMIN, MANAGER or EMPLOYEE role
- The DMS should allow to upload documents
- The DMS should allow to edit uploaded documents
- The DMS should allow to search documents by title, type or department
- The DMS should allow to user with ADMIN role to create/edit/delete accounts
- The DMS should allow to generate the link to external users with certain expiration date (optional)
- The DMS should allow publication of documents (optional)
- The DMS should allow to trace acknowledgment progress with publication (optional)
- The DMS should allow to change the passwords to accounts
- The DMS should trace the next revision date of documents and notify the ADMIN when date is expired or close to expiration (optional)
- The DMS should allow to download the document
- The DMS should keep audit log of changes made with documents and user accounts available to user with ADMIN role (optional)

Non-functional requirements

Usability requirements:
- UI should be intuitive and easy to understand.
- UI should allow to switch interface language from ENG to RU (optional)
- UI should have links to switch to different modules of DMS system
- UI should use text with readable fonts and size;
- UI modal windows should have cancel buttons to cancel certain actions

Security requirements:
- System should limit the access to the documents only to the internal staff with EMPLOYEE, MANAGER or ADMIN role accounts
- System should have 3 types of account role with appropriate authorizations
- External user with no account should only have access to document through direct link generated and shared by user with ADMIN role (optional)
- User passwords indicated during account creation should be crypted before saving to database
- Edit/delete buttons for user accounts should be visible/available only to user with ADMIN role
- Edit/delete buttons for user documents should be visible/available only to user with MANAGER role
- System should have audit log to trace who/when/what changes made in the system (optional)

Performance requirements:
- System should allow to quickly search and download required documents

Maintainability requirements:
- Category information should be read through properties file, to allow to easily add new categories (ex. type of documents, names of departments).

Availability requirements:
- System must be launched on server available 24/7