

# Magazine Management System

**ID: 9**

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# 1. Introduction

This document outlines the Software Requirements Specification (SRS) for a Magazine Management System. This system aims to cover the process of publishing and distribution of E-Magazines. This system also enables its user to browse and read different magazines and publishers.

## 2. User Requirements

### 2.1 Publishers

- **Publish Magazine:** Publishers should be able to publish their own magazines after verification.
- **View Analytic Reports:** The system should be able to provide the publishers with analytical reports to track their content popularity and monitor their performance.
- **Manage Published Content:** Publishers should be able to organize and categorize magazine content, manage article submissions, and oversee content distribution.
- **Registration:** Publishers should register to the platform to be able to publish their content.

### 2.2 Subscribers

- **Subscribe:** System should allow users to subscribe to access the platform content.
- **Follow Publisher:** Subscriber should be able to follow publishers to access their content constantly.
- **Manage Subscription:** Subscriber should be able to change or end their subscription plan at any time.
- **Search Magazines:** System should display magazines according to one or more search options.

### 3. Functional Requirements

#### 3.1 Publisher Registration

- **Description:** Publishers register to publish their magazines.
- **Inputs:** Publishers information.
- **Source:** Publisher input.
- **Pre-Condition:** Publisher information is verified.
- **Post-Condition:** Publisher is given a unique ID.
- **Output:** Confirmation message indicating successful registration.

#### 3.2 Publish Magazine

- **Description:** This feature enables publishers to publish a magazine.
- **Inputs:** Article, Genre, Publication date.
- **Source:** Publisher Input.
- **Pre-Condition:** Publisher is authenticated and authorized.
- **Post-Condition:** Magazine is published and available for subscribers to access.
- **Output:** Confirmation message indicating successful publication.

#### 3.3 Subscribe

- **Description:** User subscribes to access magazines in the Magazine Management System
- **Inputs:** Subscription plan selection, payment details.
- **Source:** Subscriber Input.
- **Pre-Condition:** User accesses the subscription page.
- **Post-Condition:** Subscriber gains access to the platform.
- **Output:** Subscription confirmation message.

### 3.4 Search Magazines

- **Description:** Subscriber selects a magazine type to explore different magazines.
- **Inputs:** List of magazines, Search options.
- **Source:** Magazines database, Subscriber Input.
- **Pre-Condition:** Subscriber selects one or more search options.
- **Post-Condition:** Magazines are displayed according to selected options.
- **Output:** Magazine details.

### 3.5 Follow Publisher

- **Description:** Subscriber follows a publisher to receive updates.
- **Inputs:** A publisher.
- **Source:** Subscriber Input.
- **Pre-Condition:** Subscriber selects a publisher profile.
- **Post-Condition:** Subscriber starts receiving updates from the publisher.
- **Output:** Confirmation message indicating successful following action.

### 3.6 Manage Subscription

- **Description:** Subscriber manages their subscription plan.
- **Inputs:** Subscription renewal, cancellation options.
- **Source:** Subscriber Input.
- **Pre-Condition:** Subscriber has a subscription plan.
- **Post-Condition:** Subscription status is updated.
- **Output:** Confirmation message indicating successful subscription management.

### 3.7 Manage Magazine

- **Description:** Publisher manages the list of magazines published in the Magazine Management System.
- **Inputs:** New magazine data.
- **Source:** Publisher Input.
- **Pre-Condition:** Magazine is already published.
- **Post-Condition:** Published magazine is updated or removed as per the publisher's actions.
- **Output:** Confirmation message indicating successful editing of the magazine issue.

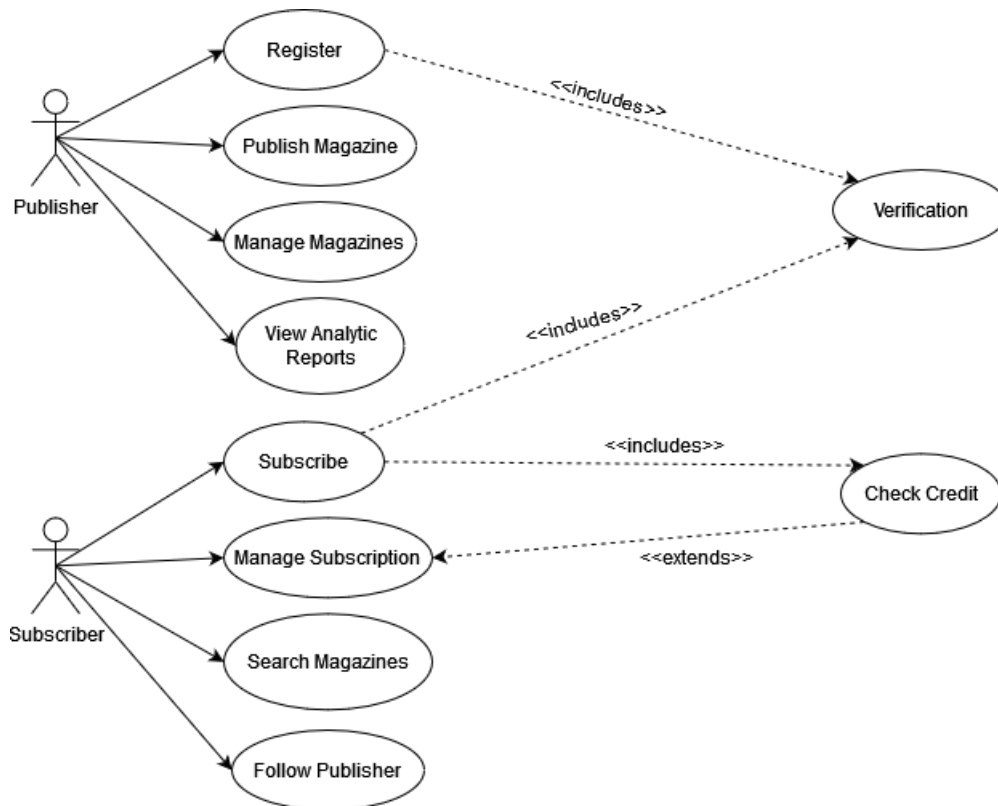
### 3.8 View Analytic Reports

- **Description:** Publisher views analytics reports for their published magazines.
- **Inputs:** Report type, Magazine data.
- **Source:** Publisher Input, Published magazine database.
- **Pre-Condition:** Magazine is already published.
- **Post-Condition:** Reports are generated according to the report type using the magazine data.
- **Output:** Report displayed.

## 4. Non-Functional Requirements

- **Security**: All sensitive data, including user credentials, payment information, and personal details, should be encrypted during transmission and storage.
- **Response time**: The system should respond to user interactions within a maximum of two seconds for most operations.
- **IDE**: Visual Studio.
- **Programming language**: C# with .NET framework.
- **External Requirement**: The system reviews the uploaded magazine to check that it's within the accepted range of plagiarism and follows the terms and conditions.
- **Reliability**: The system's downtime should be limited to maintenance windows outside of peak usage hours.

## 5. Use Case Diagram



## 6. Sequence Diagram

