SRS Document Template

(103)-Magazine Management System

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1-Introduction:-

A magazine management system is a software application designed to help publishers efficiently manage their magazine publishing operations. The system typically provides tools for managing subscriptions, advertising, editorial content, production, and distribution.With a magazine management system, publishers can easily track subscription and advertising revenue, manage subscriber information and mailing lists, schedule content for publication, collaborate with writers and editors, and streamline the production process. The system can also provide analytics and reporting features to help publishers make data-driven decisions.
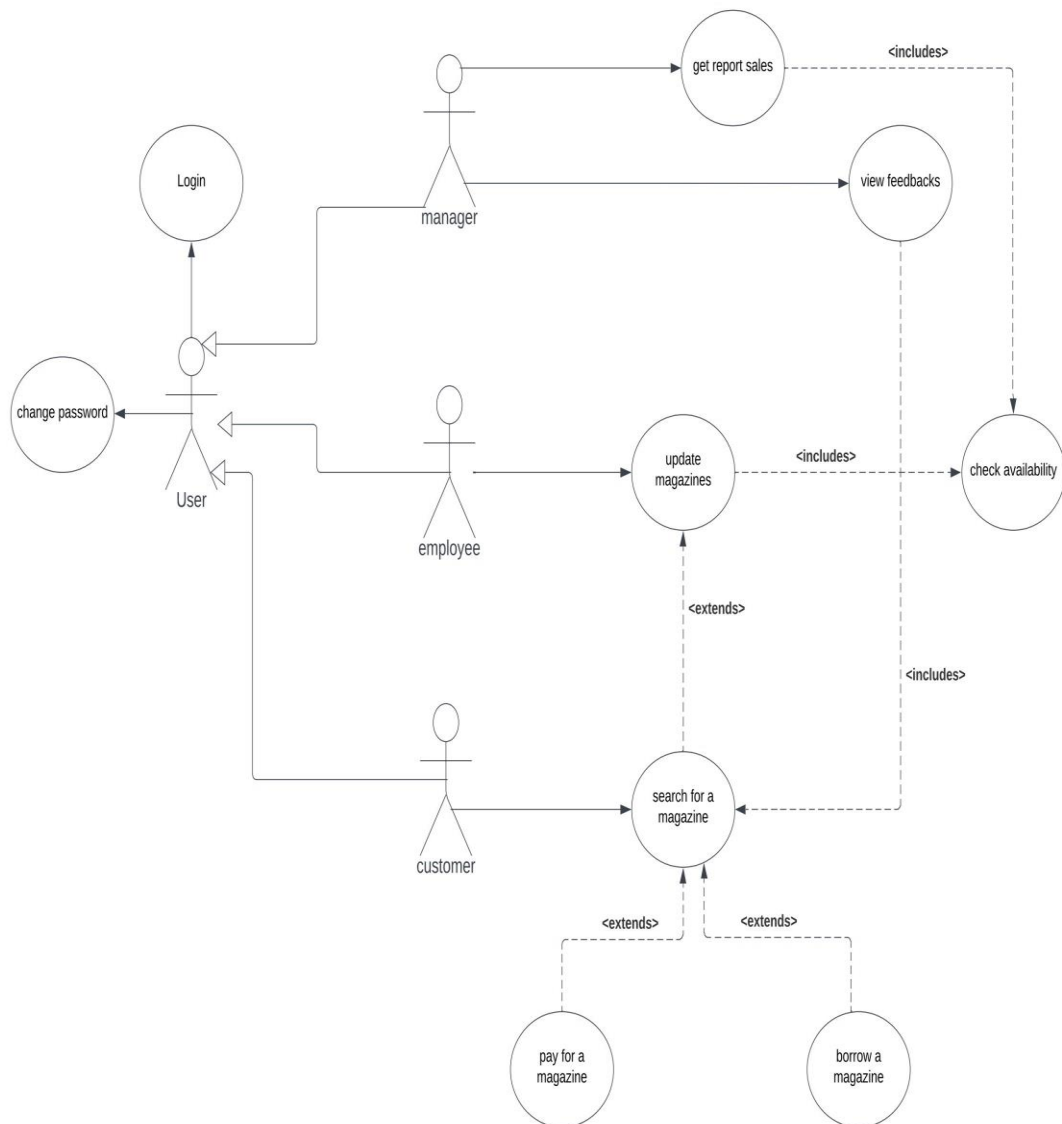
The magazine management system can be a web-based application, accessible from anywhere with an internet connection, or it can be installed locally on the publisher's computers. The system can be customized to meet the specific needs of a publisher, with features that can be added or removed as needed.

Overall, a magazine management system can help publishers save time, reduce costs, and improve the quality and consistency of their magazine publications.
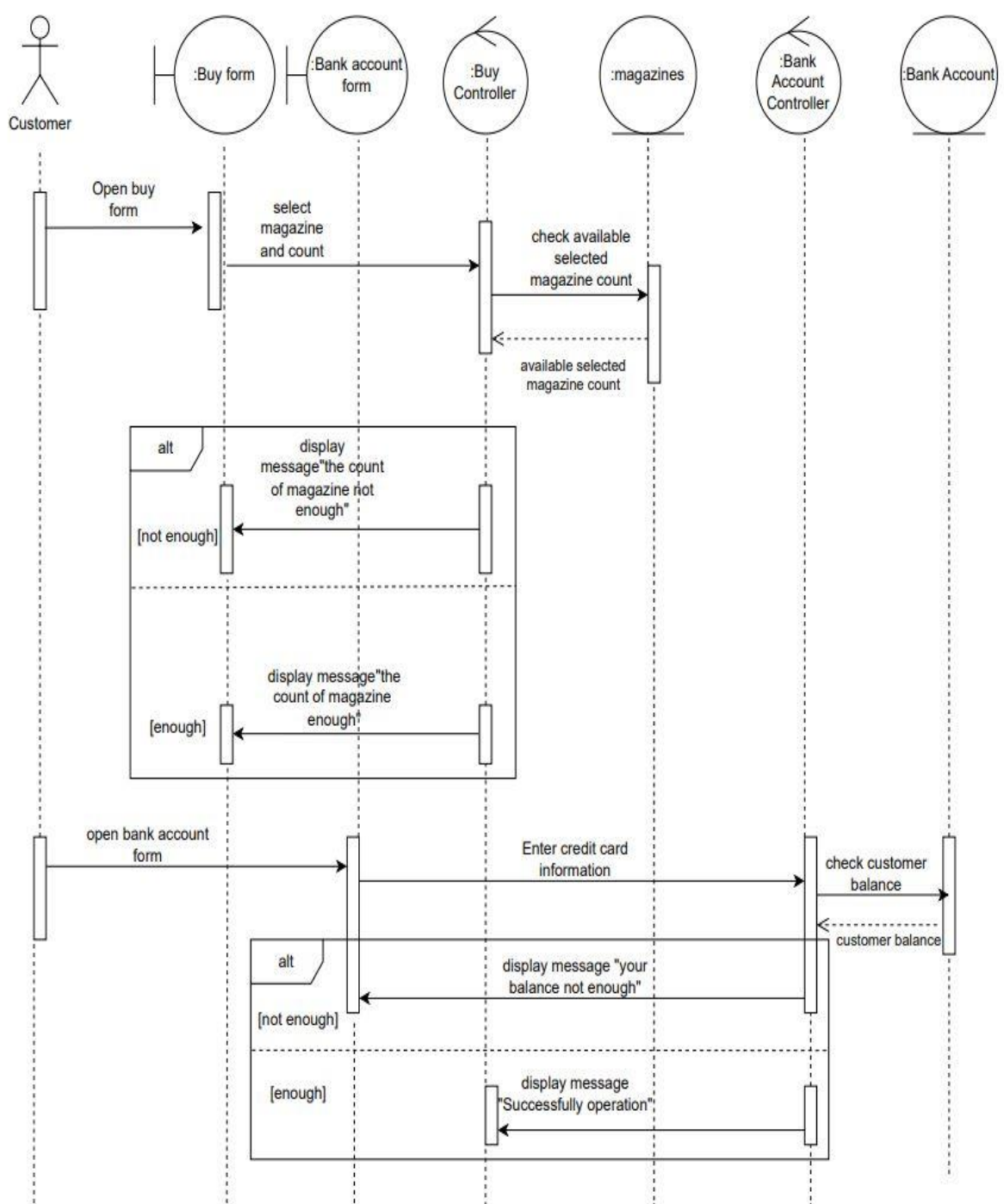
- **Purpose:** **A magazine management** system is to provide publishers with a comprehensive platform for managing all aspects of their magazine publishing operations. The system is designed to streamline workflows, improve productivity, and increase efficiency throughout the entire publishing process.

2-Context Diagram:-
- ## Use case diagram

● Sequence diagram:-

3-<u>User Requirements;</u>

a magazine management system vary depending on the specific needs of the publisher, but some common requirements include:

Subscription Management: The system should provide tools for managing subscriber information, including contact details, subscription status, payment history, and renewal dates. The system should also provide automated renewal and paymen

4 - <u>Functional Requirements:</u>

➢ **Log-in**:
• **Description**: Gives the Manger, employee and Customer the ability
log in to the system
• **Input**: E-mail and Password
• **Source**: It can be entered by both {Customer, Manger and empoylee}
• **Pre-condition**: Enter both the email and the correct password and they are present in the database
• **Post-condition**: You can login to your account
• **Output**: Your account page

➢ **Change Password**:
• **Description**: It gives the user the ability to change the password to maintain the security of the email
 • **Input**: Enter the old password to verify it, then enter the new password you want
• **Source**: User already registered in the system
• **Pre-condition:** Enter the email and old password correctly
• **Post-condition**: The password will be changed to the new password in the database
• **Output**: Send to the user that the password has been changed

➢get report sales:
• **Description**: It gives the user the ability to get reports about the magazine

• **Input:** Enter the magazine name
• **Source**: the magazine name already in the system database
• **Pre-condition**: Enter the magazine name to check it is availability
• **Post-condition**: return an report about the specific magazine name
• **Output:** it is return an report sales for a magazine.

➢ **Search for a magazine:**
• **Description**: Gives the user the ability to search for a specific magazine
• **Input**: magazine name
• **Source**: The user owns the email
 • **Pre-condition:** Correctly enter the common magazine name
• **Post-condition**: Find the magazine you were looking for
• **Output:** View the searched magazine

➢ update magazine :
• **Description**: Gives the user the ability to update for a specific magazine
• Input: magazine name
• **Source:** The employee owns the email
 • **Pre-condition**: Correctly enter the magazine name and check it is availability
• **Post-condition**: Find the magazine that you want update it.
• **Output:** View the magazine that update in the database.

➢ View Feedbacks:
• **Description:** Gives the user the ability to View feedbacks for all magazine.
• **Input**: Enter name for specific magazine to see an feedback for it.
• **Source**: the database for all magazine data
 • **Pre-condition:** Correctly enter the magazine name and check it is availability
• **Post-condition:** Find the magazine that you want view it is feedbacks
• **Output**: View the magazine feedbacks that you want.

➢ check availability:
• **Description**: Gives the user the ability to check availability for a specific magazine.
• **Input**: Enter name for specific magazine to to check it is availability.
• **Source**: the database for all magazine data
• Pre-condition: Correctly enter the magazine name and check it is availability
• Post-condition: Find the magazine that you want to check it is availability.
• **Output**: View the magazine that you check it is availability.

➢ pay for a magazine:
• **Description**: Gives the user the ability to pay the cost for a specific magazine.
• **Input**: Enter name for specific magazine that you chose it.
• **Source**: the database for all magazine data
• Pre-condition: Correctly enter the magazine name and check it is availability and then chose it and pay it is price.
• Post-condition: Find the magazine that you want .
• **Output**: View the magazine that you check it is availability and chosen and that you pay for it.

➢ borrow a magazine:
• **Description**: Gives the user the ability to search for a specific magazine.
• **Input**: Enter name for specific magazine that you want borrow it and check it is availability.
• **Source**: the database for all magazine data
• Pre-condition: Correctly enter the magazine name and check it is availability and then borrow it.
• Post-**condition**: Find the magazine that you want borrow it.
• **Output**: View the magazine that you want borrow it.

5-Non-Functional Requirements:

• **Storage** :The data storage system is effective and saves data because there is large and different data

• **Capability**: To let you know the status of the service, active or not
• **Security**: customers use this to secure their emails and protect them from theft, as in the email and password

• **Usability**: The usability should be high, giving the user the ease of using the system and giving an evaluation of it

• **Compatibility** : Allow the user with the password and email to use the account
• **Reliability**: The system must allow users to perform functions that are 99% accessible
• **Availability**: The system must allow the salesman to display his product at any time and the customer to make a purchase and payment process at any time
• **Language**: The system must contain several different languages, due to the different culture of users
• **Speed**: The system must be of high speed, for example, if the customer wants to search for a product, he searches in a time not exceeding a few seconds
• **Performance**: The system should be compatible with all modern browsers, The system should be reliable