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ENter Act System Requirements Document

DRAFT

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# **Introduction**

# *Welcome to the Systems Requirement Document for Enteract. This document outlines the essential functionalities, interactions, and specifications required for the development and operation of Enteract. With a focus on meeting the diverse needs of members, creators, and sponsors, Enteract aims to revolutionize the social media landscape through its innovative features and user-centric design.*

# **Description Model**

1. Output Requirements:

* The system must display streamlined user registration and profile creation forms with clear instructions for users.
* Creator-exclusive content and merchandise must be accessible to users through embedded image links and sponsored content sections.

2. Input Requirements:

* Users must be able to input their personal information, including name, email address, and desired username/password, during the registration process.
* Users should be able to input preferences or interests to personalize content
* The following and unfollowing functionality should allow users to input their choices for creators they wish to follow or unfollow.

3. Process Requirements:

* The system must streamline the user registration and profile creation process to ensure a seamless onboarding experience.
* Challenge-based system processes should facilitate communication and interaction between investors and users, as well as between sponsors and creators.
* Following and unfollowing processes should update user preferences and relationships with creators accordingly.
* Accessing creator-exclusive content and merchandise processes should verify user permissions and display the content securely.

4. Performance Requirements:

* The system should support a large number of concurrent user registrations and profile creations without significant performance degradation.
* Challenge-based system processes should handle a high volume of challenge applications efficiently, ensuring timely responses and notifications.
* Following and unfollowing processes should execute quickly, updating user profiles and connections in real-time.
* Accessing creator-exclusive content and merchandise processes should deliver content promptly, with minimal latency or buffering.

5. Security Requirements:

* User registration and profile creation processes must ensure the security and privacy of personal information, implementing encryption and secure storage practices.
* Challenge-based system processes must authenticate user sponsors and creators, validating their identities and permissions before accepting challenge applications.
* Following and unfollowing processes should authenticate users' actions, preventing unauthorized access to creator accounts or content.
* Accessing creator-exclusive content and merchandise processes should enforce access controls, verifying user permissions and preventing unauthorized sharing or distribution of exclusive content.

# **Class Diagram**

*REFER TO GITHUB FOR FILE*

*A diagram of a computer

Description automatically generated with medium confidence*

# **Use Case Diagram**

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Description automatically generated*

# **Use Case Scenarios**

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# **System Sequence Charts**

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