# NOVEMBER 19, 2024 SUBSTACK+ SYSTEM REQUIREMENTS DOCUMENT DRAFT

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#### Introduction (SW)

The purpose of this document is to demonstrate how customers will use Substack+ and interact with the available features. The models and diagrams provided will act as the blueprint to Substack+ and ensure that all needs are met at the front end of development.

#### **DESCRIPTION MODEL(SW)**

The Substack+ app is designed to provide a user-friendly and customizable experience, offering a range of features to enhance both content creation and user engagement. The app's interface is intuitive, allowing users to easily switch between light and dark modes through the settings. A key feature of the app is its collaboration tools, where users can send and receive text, audio, and video messages, as well as share files within group chats. These messages are private and can only be read by members of the chat or the specific recipient. Users must either join an existing chat or be invited to participate in these conversations, ensuring that all messages remain secure and accessible only to relevant parties.

For content creators, the app includes a content scheduling feature that supports various post formats, including text, audio, and video. Publishers can select the date and time for posts to be published, as well as the specific groups that will receive the content via email. This allows for efficient content management and timely distribution to targeted audiences. The notification system is closely integrated with content scheduling, ensuring that users are alerted when new content or messages are available. Users can prioritize notifications by marking certain authors or messages as important, or even mute notifications for specific authors. They can also filter content by publisher or content type, making it easier to find the most relevant posts.

In addition to these features, the app includes a navigation pane that expands from the left side of the screen. This navigation panel provides quick access to the inbox, search for new authors, active chats, settings, and account details. To access their account and interact with published content, users must log in, ensuring that their information and notifications are secure. Overall, the Substack+ app offers a comprehensive set of tools for both users and publishers, designed to foster seamless communication and efficient content management within a secure environment.

#### CLASS DIAGRAM(SW)

ClassDiagram.pdf

# Use Case Diagram (SW)

UseCaseDiagram.pdf

# Use Case Scenarios (SW & OA)

UseCaseScenerio.pdf

# System Sequence Charts (SW)

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