

Project	Project Manager	Date
Scope document for Cron-email Utility	Ganesh Salunkhe	02/09/2024

Introduction
The Cron-Email Utility is a web-based application that allows users to schedule and manage emails using a user-friendly interface. The utility integrates with nodemailer and npm-cron packages to facilitate seamless email scheduling and delivery.

Scope Description
In Scope
<ul style="list-style-type: none"> User authentication: Sign-up, login, and logout functionalities. Email scheduling: Interface to schedule emails with options to select date, time, recipients, and email content. Email management: Ability to edit and delete scheduled emails. Integration: Use Nodemailer for sending emails and npm-cron for scheduling tasks. Security: All sensitive user data, including email credentials, must be encrypted. Usability: The interface should be user-friendly and accessible.
Out of Scope
<ul style="list-style-type: none"> Advanced email analytics or reporting. Mobile application development.

Business Objectives
<ul style="list-style-type: none"> Provide a dashboard for managing sender email information. Allow users to schedule emails to be sent at specified times. Enable users to edit or delete scheduled emails. Ensure the user interface is intuitive.

Dependencies
<ul style="list-style-type: none"> Dependency on Nodemailer for email functionality. Dependency on npm-cron for scheduling tasks. Dependency on a database service (e.g., MySQL or MongoDB) for storing user and email data. Dependency on a json-web-token for user authentication. Dependency on a bcrypt.js for password hashing.

Assumptions
<ul style="list-style-type: none">• Users will have internet access to use the web application.• The email servers used by the application will have sufficient capacity and permissions to handle the volume of emails.• The email addresses provided by users are valid and can be used for sending emails.

Deliverables
<ul style="list-style-type: none">• A functional web application with user authentication.• A dashboard for managing scheduled emails.

Acceptance Criteria
<ul style="list-style-type: none">• The application passes usability tests and meets performance benchmarks.• All user stories and requirements are implemented and tested.