

Email Management Platform

Client Overview

NStarX is an US-based enterprise specializing in AI-driven products and robust software solutions. They required a secure and scalable email management system for daily operations. The solution streamlined communication and improved workflow efficiency.

Overview

This case study explores the design and development of a multi-account email management web application that allows users to manage multiple Email providers within a single interface. The platform focuses on usability, clean navigation, efficient email handling, and centralized account control.

Problem Statement

Modern users often manage:

- Personal email accounts
- Work email accounts
- Testing or secondary accounts

Switching between accounts in separate tabs or sessions creates:

- Productivity loss
- Missed messages
- Context switching fatigue
- Poor email organization
- There was a need for a unified email dashboard that allows seamless switching and management across accounts.

Objectives

- Enable multiple Email provider integration
- Provide intuitive navigation
- Reduce user friction when managing emails
- Support essential email operations (read, delete, reply, forward, mark as read)

Email Management Platform

- Maintain a clean and distraction-free UI

Solution Overview

The application was structured into four major sections:

1. Sidebar (Account & Folder Navigation)

- Displays connected email accounts
- Folder hierarchy (Inbox, Sent, Draft, Spam, Trash, etc.)

Home Dashboard (Email List View)

- Segmented by time (Last Week, Older)
- Columns: From, Subject, Received Date

Bulk actions:

- New Email
- Delete
- Mark all as read
- Reply / Reply All / Forward
- Search functionality

Impact: Improves scanning and email triage efficiency.

Settings Panel

Includes:

- Email Accounts management
- Appearance customization
- Signature configuration
- Add new accounts functionality

Impact: Centralized control over personalization and account management.

Email Management Platform

Reading Panel

- Dedicated reading area
- Clean preview interface
- Focused content display
- Clear empty state: “Select a mail to read.”

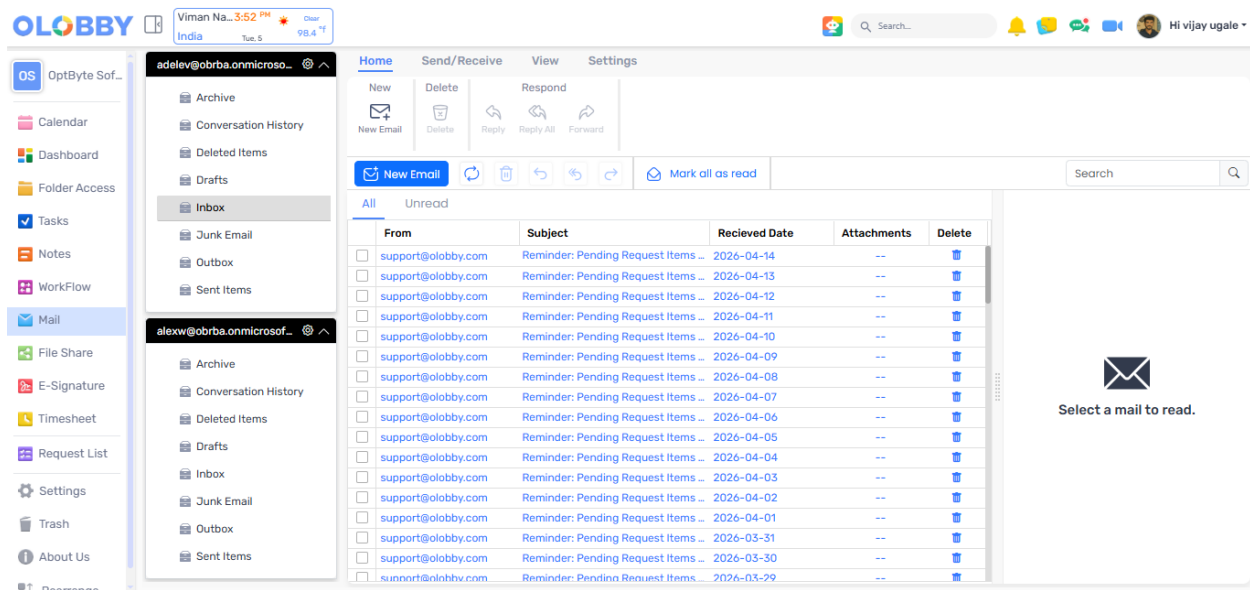
Impact: Encourages distraction-free reading.

Technology Stack

Angular 16 | Bootstrap | .NET Core Web API | AWS | Docker

Conclusion

This multi-account email platform successfully addresses the complexity of managing multiple Email accounts. By combining thoughtful UX design with efficient backend integration, the solution enhances productivity, reduces context switching, and provides a clean, modern email experience.



From	Subject	Received Date	Attachments	Delete
support@olobby.com	Reminder: Pending Request Items ...	2026-04-14	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-13	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-12	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-11	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-10	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-09	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-08	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-07	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-06	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-05	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-04	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-03	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-02	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-04-01	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-03-31	--	
support@olobby.com	Reminder: Pending Request Items ...	2026-03-30	--	
sunont@lnhbv.com	Reminder: Pending Request Items ...	2026-03-29	--	