

Use Case Description: Send Email

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Attribute	Description
Use Case Name	Send Email
ID	UC-001
Brief Description	The user composes a new email, selects recipients, attaches files if needed, and sends the email. Before sending, all attachments are scanned for viruses to ensure security.
Primary Actors	User (email sender)
Secondary Actors	Antivirus scanning system
Preconditions	<ul style="list-style-type: none">• User is logged into the system.• User has access to compose and send emails.
Postconditions	<ul style="list-style-type: none">• Email is sent to the specified recipients.• Attachments are virus-free or the email is blocked if infected.
Basic Path / Main Flow	<ol style="list-style-type: none">1. User opens the email compose interface.2. User enters the recipient(s) in To, Cc, or Bcc fields.3. User writes the email subject and message body.4. User attaches files (optional).5. System performs an antivirus scan on all attachments.6. If attachments are clean, user clicks “Send”.7. System sends the email to all specified recipients.8. System confirms to the user that the email has been sent successfully.
Alternative Paths / Exceptions	<ul style="list-style-type: none">• Attachment infected: System notifies the user about the infected attachment(s) and blocks sending until clean attachments are provided or removed.• No recipients entered: System prompts the user to enter at least one recipient.• System error during send: System informs the user of the failure and suggests retrying later.