COMP 8003
Delivery Lab(6)

Design

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Feb 18th, 2026

What it does

Goal

This email and file"`index.html`" / website combo hopes to imitate the delivery phase of the Cyber Kill Chain, in which a normal looking message is delivered to a user. Since the user thinks the message is normal, they click, in this case, the email in their inbox, and follow the unsuspecting link. The lab goal is only to be benign, without actual harm being done.

Success condition (observable outcome)

The user clicks on the email, then the link, leading them to the imitation website.

Invariant (one checkable rule)

The email never displays a message, error, or alert, while the website follows HTTPS.

How I will test it

I will test the outcome by opening the email, and then following the link to the website.

Design Choices

As per the instructions, I have designed an email, and hosted a benign website, with which its link is found in the email message.

Neutral Email Message:

Subject:
Shared Document Update
Body:
Hi,
I have added some new notes to the document we're keeping updated.
You can view it here when you get the chance:
https://brandonrada.github.io/COMP8003-lab6-website/

Let me know if anything needs to be changed.

thanks.

Benign Web Page:

```
<!DOCTYPE html>
```

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Shared Document</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <style>
        body {
            margin: 0;
            font-family: Arial, Helvetica, sans-serif;
            background-color: #f1f3f4;
        }

        /* Top navigation bar */
        .topbar {
            background-color: #ffffff;
            padding: 12px 20px;
            box-shadow: 0 1px 3px rgba(0,0,0,0.1);
            display: flex;
            align-items: center;
            justify-content: space-between;
        }

        .logo {
            font-weight: bold;
            font-size: 18px;
            color: #202124;
        }

        .right-section {
            display: flex;
            align-items: center;
            gap: 15px;
        }

        .status {
            font-size: 14px;
            color: #5f6368;
        }
```

```css
.login-btn {
    padding: 6px 14px;
    border-radius: 4px;
    border: 1px solid #1a73e8;
    background-color: #1a73e8;
    color: white;
    font-size: 14px;
    cursor: default;
}

.profile-circle {
    width: 32px;
    height: 32px;
    border-radius: 50%;
    background-color: #5f6368;
    color: white;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 14px;
    font-weight: bold;
}

/* Document container */
.document-wrapper {
    display: flex;
    justify-content: center;
    padding: 40px 20px;
}

.document {
    background: #ffffff;
    width: 800px;
    min-height: 900px;
    padding: 60px;
    box-shadow: 0 2px 8px rgba(0,0,0,0.1);
    line-height: 1.6;
}
```

```css
        h1 {
            margin-top: 0;
            font-size: 26px;
        }

        .footer {
            text-align: center;
            padding: 20px;
            font-size: 12px;
            color: #80868b;
        }
    </style>
</head>
<body>

    <div class="topbar">
        <div class="logo">Shared Document Viewer</div>

        <div class="right-section">
            <div class="status">View Only</div>
            <button class="login-btn">Login</button>
            <div class="profile-circle">BR</div>
        </div>
    </div>

    <div class="document-wrapper">
        <div class="document">
            <h1>Project Notes</h1>

            <p><strong>Last Updated:</strong> February 18, 2026</p>

            <p>
                These notes summarize the latest updates to the project.
                Please review the following sections carefully.
            </p>

            <h3>Section 1: Overview</h3>
            <p>
                This document contains working notes and updates.
```

```html
            All collaborators should review changes and suggest edits
            if necessary.
        </p>

        <h3>Section 2: Recent Changes</h3>
        <ul>
            <li>Added new milestone timeline</li>
            <li>Updated task assignments</li>
            <li>Clarified documentation requirements</li>
        </ul>

        <h3>Comments</h3>
        <p>
            Please reply to the original email if modifications are required.
        </p>
    </div>
</div>

<div class="footer">
    Document sharing service | Internal Use Only
</div>

</body>
</html>
```
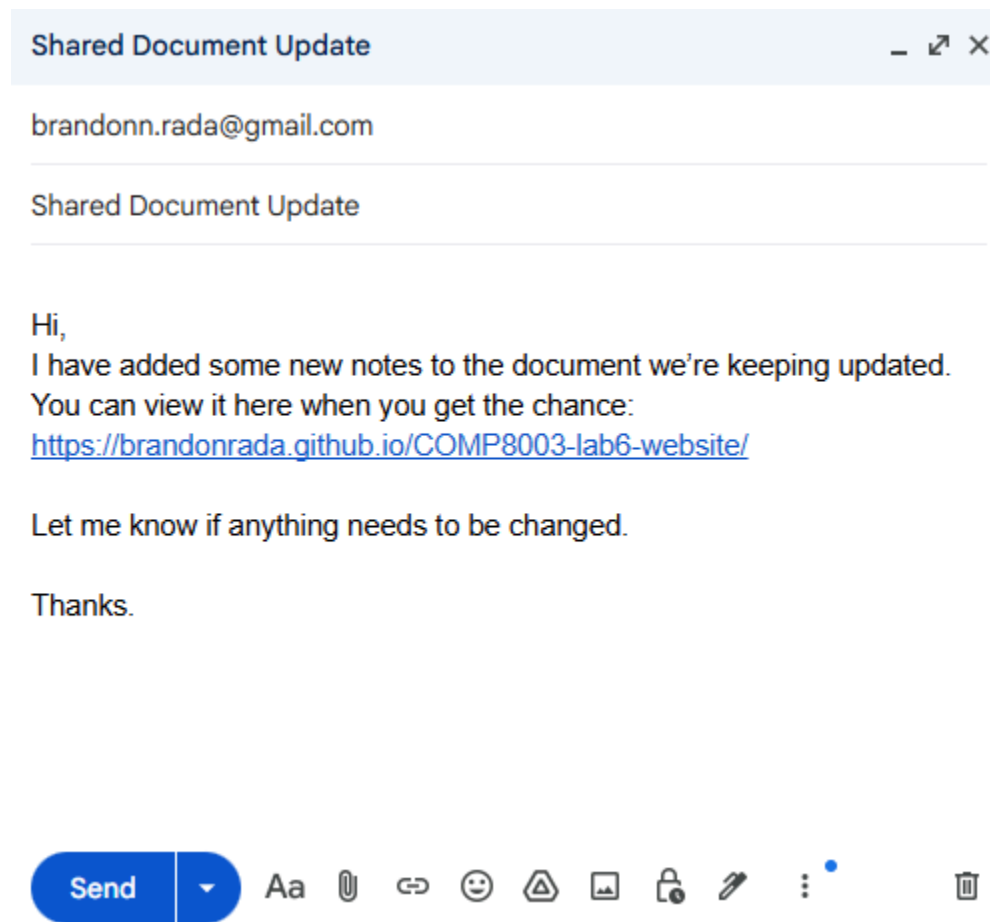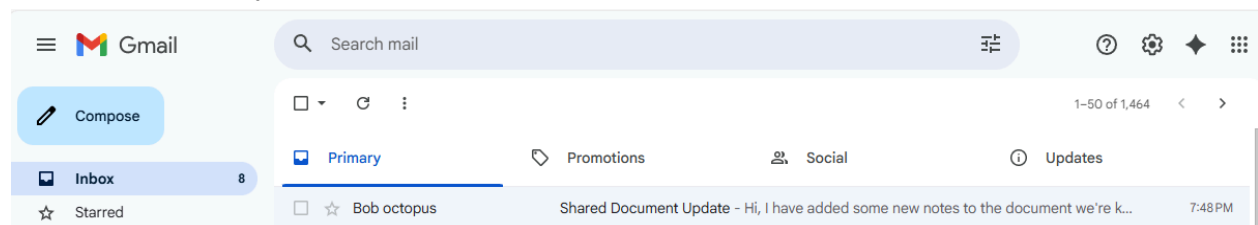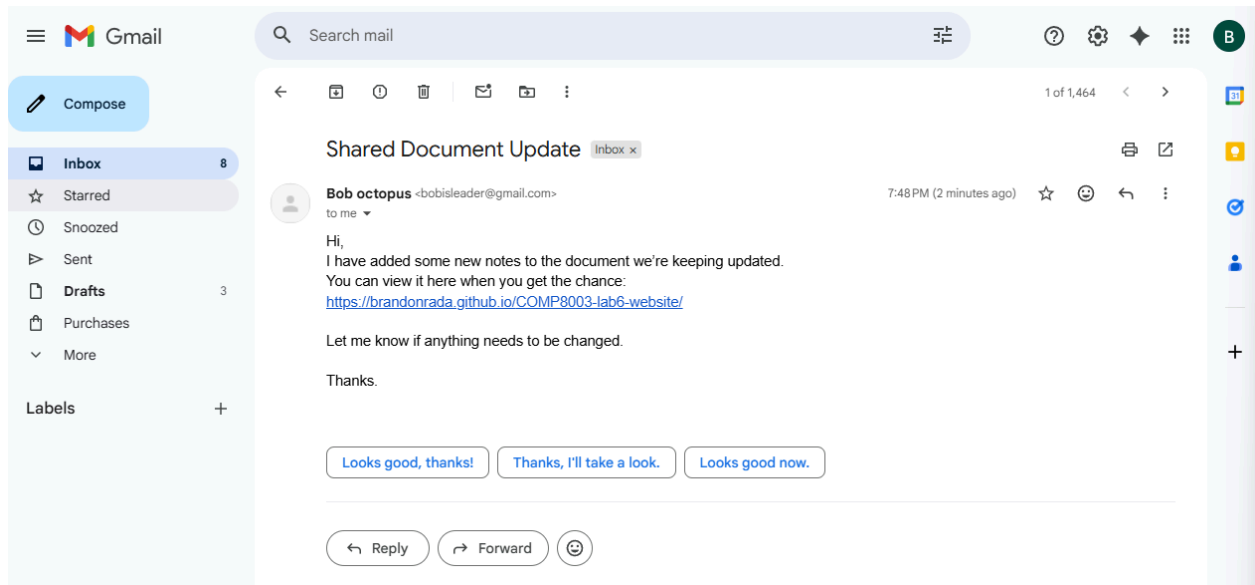
The sender sends the email:

Shared Document Update — ↗ ✕

brandonn.rada@gmail.com

Shared Document Update

Hi,
I have added some new notes to the document we're keeping updated.
You can view it here when you get the chance:
https://brandonrada.github.io/COMP8003-lab6-website/

Let me know if anything needs to be changed.

Thanks.

Send ▾ Aa 📎 🔗 ☺ △ 🖼 🔒 🖊 ⋮ • 🗑

And it is received by the user with no error:

≡ **M** Gmail 🔍 Search mail ⋯ ? ⚙ ✦ ⠿

✏ Compose

☑️ Inbox 8   Primary   Promotions   Social   Updates

☆ Starred   ☐ ☆ Bob octopus   Shared Document Update - Hi, I have added some new notes to the document we're k...   7:48 PM

1–50 of 1,464 < >

The user can click on the link:

Project Notes

Last Updated: February 18, 2026

These notes summarize the latest updates to the project. Please review the following sections carefully.

Section 1: Overview

This document contains working notes and updates. All collaborators should review changes and suggest edits if necessary.

Section 2: Recent Changes

- Added new milestone timeline
- Updated task assignments
- Clarified documentation requirements

Comments

Please reply to the original email if modifications are required.

No scripts are run, and nothing negatively affects the user as it is simply a benign website.