WEB AND CLOUD COMPUTING GROUP PROJECT PRESENTATION
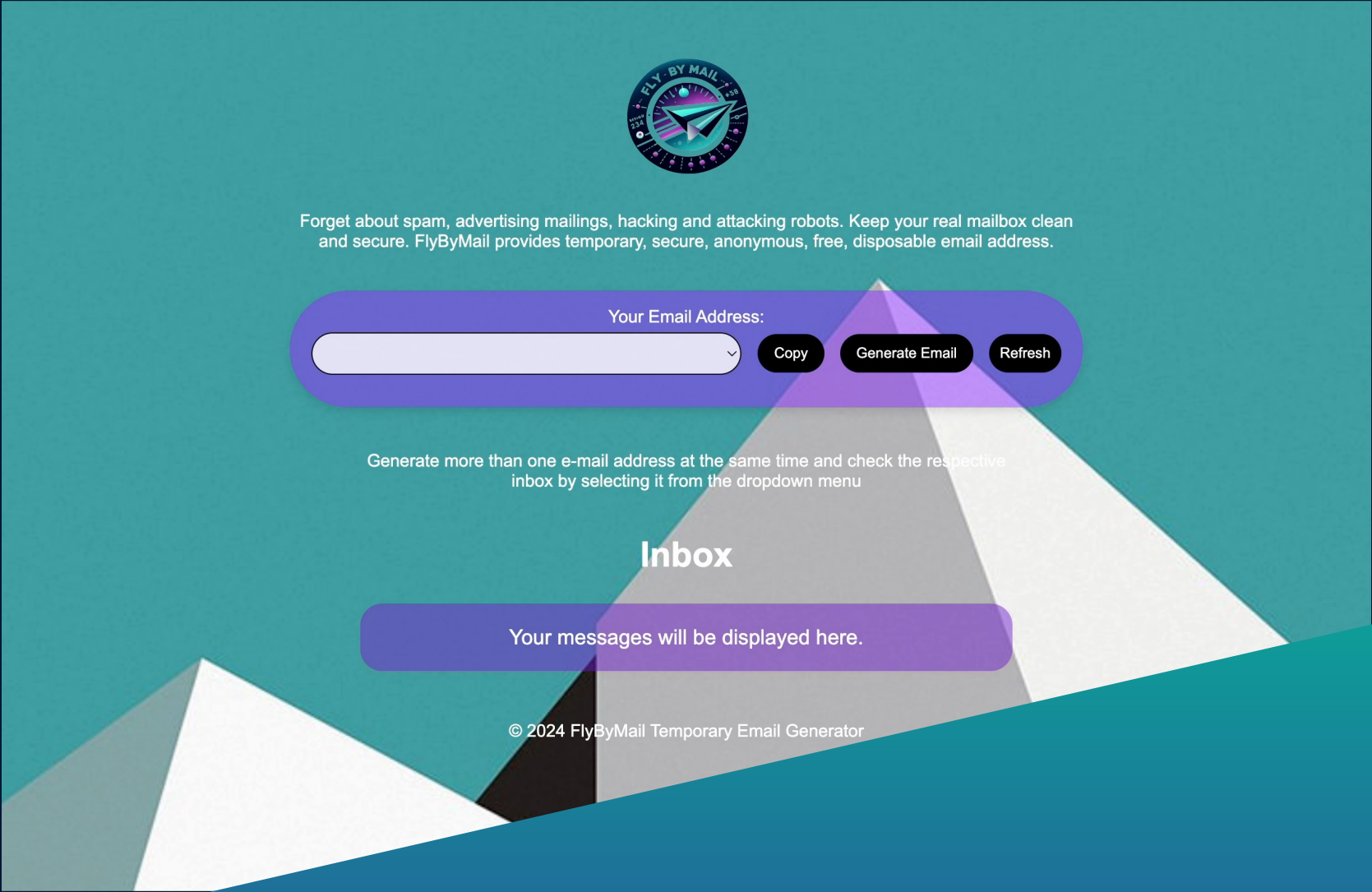
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A BRIEF DESCRIPTION:

Our website provides instant, disposable email addresses for secure, anonymous communication, ensuring that your primary inbox remains free from spam and privacy intrusions.

PREVIEW:

Email Address Generation & Inbox Refresh

```javascript
document.addEventListener('DOMContentLoaded', function () {
    const emailDropdown = document.getElementById('email-address-dropdown');
    const generateEmailButton = document.getElementById('generate-email');
    const refreshInboxButton = document.getElementById('refresh-inbox');
    const copyEmailButton = document.getElementById('copy-email');
    const messagesList = document.getElementById('messages-list');

    generateEmailButton.addEventListener('click', () => generateEmail(1));
    copyEmailButton.addEventListener('click', copyEmailToClipboard);
    refreshInboxButton.addEventListener('click', () => refreshInbox(emailDropdown.value)

    emailDropdown.addEventListener('change', () => {
        refreshInbox(emailDropdown.value);
```

Email Address Generation & Inbox Refresh

```javascript
setInterval(() => {
  if (emailDropdown.value) {
    refreshInbox(emailDropdown.value);
  }
}, 120000); // 2 minutes
```

Server Overview:

```javascript
// Endpoint for generating a random email address
app.get("/generate-email", async (req, res) => {
const email = await getRandomEmail(); // interacts with the FlyByMail API
res.json({ email: email });
});
```

Server Overview:

```javascript
// Endpoint for fetching messages
app.get('/messagebox/:login/:domain', async (req, res) => {
  const { login, domain } = req.params;
  const response = await axios.get(https://www.1secmail.com/api/v1/?action=getMessages&
  res.json(response.data);
});
```

1secmail API:

```javascript
// Generating a new temporary email
fetch(`https://www.1secmail.com/api/v1/?action=genRandomMailbox&count=1`)
  .then(response => response.json())
  .then(data => {
    // Use the generated email address
  });


// Fetching messages for a specific email
fetch(`https://www.1secmail.com/api/v1/?action=getMessages&login={login}&domain={domain
  .then(response => response.json())
  .then(messages => {
    // Process the fetched messages
  });
```

The Future of FlyByMail:
Expanding Services and Monetization

Temporary phone numbers

Advertising

Natural language processing
for email sorting and filtering

Email analytics

Translation button

Q & A