

Generating a 16-character **App Password** is a security requirement for Google accounts that use 2-Step Verification. This allows an application like your "University Sports Hub" to access your Gmail for notifications without needing your primary password.

## Step-by-Step: Generate a Google App Password

1. **Enable 2-Step Verification:** You must have 2-Step Verification turned on for your Google Account to see the App Passwords option.
2. **Go to Security Settings:** Open your [Google Account](#) and click on the **Security** tab in the left-hand menu.
3. **Find App Passwords:** Under the "How you sign in to Google" section, click on **2-Step Verification**. Scroll to the very bottom of the page and click on **App Passwords**.
  - *Note: If you can't find it, use the search bar at the top of the Google Account page and type "App Passwords."*
4. **Create Name:** Enter a name to remember what this password is for (e.g., "**Uni Sports Hub**").
5. **Generate:** Click **Create**.
6. **Copy the Code:** A 16-character code in a yellow box will appear (e.g., abcd efgh ijkl mnop).
  - **Important:** Copy this code immediately. You will not be able to see it again once you close the window.

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## Apply the Fix to Your Project

Now, update your .env file with this code. **Remove the spaces** between the 16 characters.

**File:** backend/.env

Plaintext

```
# ... other variables
JWT_SECRET=super_secret_key_123

# Update these with your real details
EMAIL_USER=your-email@gmail.com
EMAIL_PASS=abcdefghijklmnop
```

## Why this fixes the "Wait a moment..." error

The Admin page error occurs because your backend crashes when it tries to use an empty or

invalid email password. By providing a valid **App Password**:

- **Nodemailer** can successfully connect to Google's SMTP server.
- The transporter.sendMail function will complete its task.
- The backend will finally return a 200 OK status to your **AdminBookingRequests** page.
- The "**Success!**" modal will trigger instead of the error box.

Would you like me to provide a small script to test if your email credentials are working correctly before you try the Admin page again?