Simple Image Resizer Tool

Creating a Simple Image Resizer Tool using the following tools

* DRAW.IO

**Steps to Create the Flowchart in draw.io**

1. **Open draw.io (diagrams.net):**
   * Go to https://app.diagrams.net.
   * Choose where to save your diagram (e.g., Device, Google Drive, OneDrive).
   * Open a new blank diagram.
2. **Set up the workspace (Optional):**
   * Choose a black background (as shown in your flowchart).
   * You can do this by right-clicking on the canvas → *Background* → Select black color.
3. **Insert Flowchart Shapes:**
   * From the left shapes panel, drag and drop flowchart symbols.
   * Shapes used in your flowchart:
     + **Oval (Ellipse):** For Start and Stop.
     + **Parallelogram:** *For inputs like Upload a Image, Select Dimensions, Preview Resized Image, Download Resized Image*.
     + **Rectangle:** For processes like *Resize Process* and *Display the Image*.
     + **Hexagon / Terminator shape:** For error/decision outputs like *Image Upload Failed* and *Not Properly Resized*.
4. **Add Text to Shapes:**
   * Double-click on each shape and type the text (e.g., "START", "UPLOAD A IMAGE", "RESIZE PROCESS").
   * Adjust font color to **white** for readability against dark background.
5. **Arrange the Shapes:**
   * Place them in vertical order following the logical sequence:
     + Start → Upload → Select Dimensions → Resize → Display → Preview → Download → Stop.
   * Place failure/exception nodes (*Image Upload Failed*, *Not Properly Resized*) on the right side.
6. **Connect the Shapes with Arrows:**
   * Use the **Connector tool** (or drag arrows between shapes).
   * Connect:
     + Start → Upload Image.
     + Upload Image → Select Dimensions.
     + Upload Image → Image Upload Failed (for failure case).
     + Select Dimensions → Resize Process.
     + Resize Process → Display.
     + Display → Preview Resized Image.
     + Preview Resized Image → Not Properly Resized (failure case).
     + Preview Resized Image → Download Resized Image.
     + Download Resized Image → Stop.
7. **Apply Colors and Styles:**
   * Use the **Format Panel** (right side) to set fill colors:
     + Green ovals → Start / Stop.
     + White → Upload image.
     + Blue → Select dimensions, Preview, Download.
     + Yellow → Resize process.
     + Black → Display.
     + Red → Errors (Upload failed, Not properly resized).
   * Add rounded corners where necessary.
8. **Save or Export the Flowchart:**
   * Click **File → Export As → PNG/JPEG/PDF**.
   * Save to your device.

