Next file: **Order Workflow Diagram** (order\_workflow\_diagram.docx)

Here's the full text for you to copy and save:

**Order Workflow Diagram - Large Format Print Business**

1️⃣ **Customer Places Order & Payment Processing**

* Customer uploads artwork via web app
* Selects print size, paper type, add-ons (branding, numbering, etc.)
* **System processes payment upfront (Stripe, PayPal, etc.)**
* System auto-generates invoice & sends confirmation email

2️⃣ **Order Processing & Pre-Print Check**

* Order details stored in database
* **Automated file validation check:**  
  ✅ Resolution is high enough (DPI check)  
  ✅ File format is correct (JPEG, PNG, TIFF, etc.)  
  ✅ Optional: AI-based preview to detect issues (e.g., color mismatch, empty space)
* Print job sheet generated with:
  + Paper type, ink settings, quantity
  + Preview of artwork
  + Packaging & shipping instructions

3️⃣ **Automated Print Queue & Execution**

* **Smart Queue prioritizes urgent/rush orders**
* Batches similar prints to **optimize ink & paper usage**
* Operator reviews & confirms settings
* Printer receives job with pre-configured settings (future automation goal)
* Print completed & sent for quality check

4️⃣ **Quality Control & Packaging**

* **Pass/Fail QC Check:**  
  ✅ If the print fails (color inaccuracy, defects), **flag for reprint**  
  ✅ QC operator marks order as “Approved” before packaging
* Prepare for shipping (flat or tube mailer)
* Add branding materials (if applicable)

5️⃣ **Shipping & Fulfillment**

* System auto-generates shipping label (UPS/FedEx API)
* Tracking number sent to customer
* Order marked as "Shipped"

6️⃣ **Post-Order & Loyalty System**

* Customer receives order confirmation & tracking updates
* System updates order history
* **Auto-send "Thank You + Discount Code" for repeat customers**
* Loyalty points added (if applicable)
* **One-click reorder option** for past prints
* Customer invited to leave a review

📌 **Future Enhancements:**

* Full automation of print settings
* Mobile app for order tracking & management
* AI-based print quality control
* Bulk order & subscription options

**Instructions to Save & Use:**

1️⃣ Copy the text above.  
2️⃣ Paste it into a document and save it as **order\_workflow\_diagram.docx**.  
3️⃣ Keep it as a reference when designing your workflow & automation.

Let me know when you're ready for the next file! 🚀

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