**Assignment 02 – Workflow Automation with n8n**

**Workflow Description:**

The workflow automates order processing from a warehouse system and further narrowing it down to the specific Employee & specific department:

**1-Trigger (Schedule Node):**

a- The workflow is initiated automatically at a scheduled time.

**2- HTTP Request Node:**

a- Sends a request to the warehouse system API.

b- Retrieves 30 records containing order details.

**3- If Node (Conditional Logic):**

a- Checks the condition whether:

i- orderStatus = "processing"

ii- orderStatus = "booked"

iii- orderStatus = "processing" employeename = "Mario"

**Note:** Each of the 3 steps were performed separately to populate each Sheet in Airtable database. b- Routes data accordingly: True Branch → Records that meets the condition. False Branch → Records that do not meet the conditions.

**4- True Branch Execution:**

a- Edit Fields Node → Extracts only orderID and employeeName.

b- Airtable Node → Stores these processed records in the Airtable database for each of the **3 executed workflows**.

c- Code Node (for each executed workflow) → Runs JavaScript to:

i- Count total booked items.

ii- Calculate bookedSum of an Employee named Mario.

**5- False Branch Execution:** a- Code Node → Runs JavaScript to calculate:

Remaining totalBooked items.

Remaining bookedSum.

b- Discord Node → Sends a summary message with totals directly to a Discord channel.