

# Project 1: Building of an Automated System for Processing of Requests

## Testing, Checking and Evaluation

#	Skill / Requirement	Where it appears in the Flow	Application in your Solution	Points	Evaluation
1	Integration with MS Forms	Step 1 (Trigger) & Step 2	Used "When a new response is submitted" and "Get response details" to capture user inputs.	10	
2	JSON Parsing	Step 3 (File Handling)	Used json(...) expression to extract the actual filename from the Forms attachment string.	10	
3	Date & Time Formatting	Step 4 (Tracker Gen)	Used formatDate(utcNow(), 'yyyyMMddHHmm') to create the unique 12-digit TRACKERno.	10	
4	Data Operations (Compose)	Steps 4 & 6	Used "Compose" to hold the generated Tracker Number and calculating variable logic.	10	
5	Integration with SharePoint (Create)	Step 5 (Create Item)	Creates the initial item in the "TravelRequests" list to generate the system ID (EDTSno).	10	
6	Sequential Logic	Steps 5 & 6	Implemented the "Create Item first, then Update" sequence to access the SharePoint ID for the Logic.	10	
7	Conditional Expressions (WDL)	Step 6 (Update Item)	Used an inline if(...) expression to determine if TAOono should be the Tracker Number or the SharePoint ID.	10	
8	Approvals	Step 7 (Process)	Used "Start and wait for an approval" to pause the flow and send the request to a manager.	10	
9	Conditions (Logic Control)	Step 8 (Decision)	Used a Condition block to branch the flow based on whether the Outcome is "Approve" or "Reject".	10	
10	Integration with SharePoint (Update)	Step 8 (Status Set)	Updates the item Status to "Approved" or "Denied" based on the approval outcome.	10	

# Project 2: Building of Consolidation of Schedule of COD Mandatory Leaves and Dates of Surprise Assumption Automation

## Testing, Checking and Evaluation

#	Skill	Where it appears in the Flow	Points	Evaluation
1	Integration (SP, Excel, Teams, Outlook)	Trigger (Schedule), Get Items (SP), List Rows (Excel), Post Message (Teams), Send Email (Outlook).	10	
2	MS Lists & MS Forms	Covered by the "Get Items" (Lists) and the implicit data source. <i>Note: Forms is usually a trigger, but for "Consolidation" flows, Scheduled triggers are better. If you strictly need Forms, see the "Alternative" below.</i>	10	
3	Approvals	"Start and wait for an approval" step included.	10	
4	Parallel Branching	Specifically requested in Step 2 to fetch SP and Excel data simultaneously (performance optimization).	10	
5	Variables	"Initialize Variable" step included at the start.	10	
6	Array Controls	"Filter Array" and "Select" data operations are explicitly requested to manipulate the data sets.	10	
7	HTML Modification	The prompt asks for "Create HTML Table" and specifically requests a replace expression to inject CSS (a common advanced interview skill).	10	
8	Conditions & Switches	Step 6 includes a Condition (Approved/Rejected) and a Switch (Department routing).	10	
9	Delays	A 1-hour delay is included in the "If No" branch.	10	
10	Compose	Used to merge data and log timestamps.	10	

# Project 3: Preparation of Disbursement Vouchers

## Testing, Checking and Evaluation

#	Skill	Where it appears	Application in your Solution	Points	Evaluation
1	JSON Parsing	Flow 1 (File Upload)	Using json(...) to extract the filename from the MS Forms attachment array.	10	
2	WDL Expressions	Flow 2 (Calc. Allowance)	Using div(sub(ticks(End), ticks(Start)), ...) to calculate date differences.	10	
3	Trigger Conditions	Flow 2 (Trigger Settings)	Setting @equals(triggerBody()?'Status', 'Approved') in settings.	10	
4	Sequential Logic	Flow 1 (Create vs Update)	Creating the item <i>first</i> to get the ID, then updating it to set the TAOno.	10	
5	Doc Generation	Flow 2 & 3 (PDFs)	Creating an HTML file in OneDrive, then using "Convert File" to make it a PDF.	10	
6	Inline Conditionals	Flow 1 (Tracker Logic)	Using if(...) inside the "Update Item" field to switch between TrackerNo and ID.	10	
7	Approvals V2	Flow 1 & 3	Using "Start and wait for an approval" to pause automation for human input.	10	
8	Date Formatting	Flow 1 (Tracker No)	Using formatDateDateTime(utcNow(), 'yyyyMMddHHmm') to generate IDs.	10	
9	Data Operations	Throughout all Flows	Using "Compose" for HTML templates and calculations vs. "Variables".	10	
10	Dynamic Attachments	Flow 2 & 3 (Email)	Passing the <i>file content</i> from OneDrive directly into the Outlook attachment field.	10	