



## **HEB1023: ARTIFICIAL INTELLIGENCE – SEPTEMBER 2025**

**Lecturer : Shakirah Bt M Taib**

**Title : RPA Exercise – Automates Student Assignment Processing**

**Group 37**

STUDENT NAME	ID	COURSE
LEE PEI LIN	22011261	CS
WAN AMISYA SYAFIRA BINTI WAN AZMAN	22009194	CS
JOEL WONG JUN XI	22011409	CS

## Objective

Automate student assignment handling using Power Automate to reduce manual work, ensure accuracy and maintain consistent documentation.

## Key Features

- Automatic date comparison
- Organized folder structure & file naming
- Conditional emails (on-time/late)
- Real-time tracking and status updates

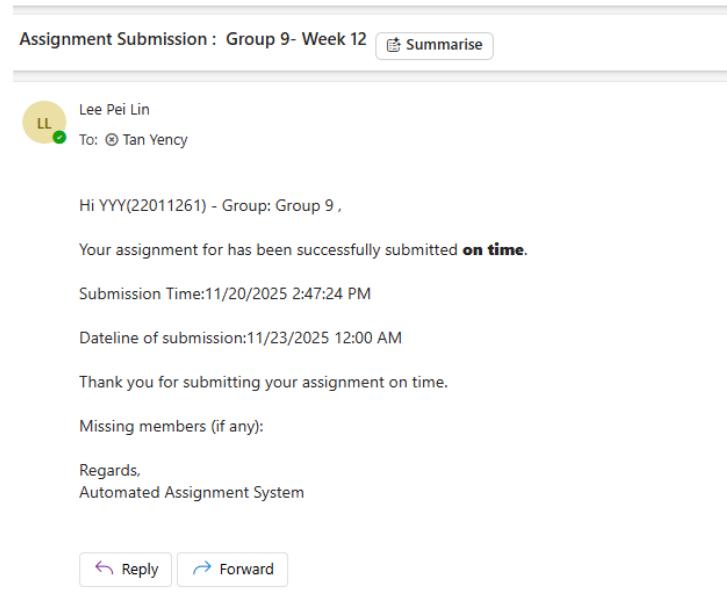
## Flow Overview

### 1. Trigger: Microsoft Forms Submission

- Activated when students submit via **Group Lab Assignment Submission Portal**.
- Captures Student ID, Name, Group No., Week, uploaded file and timestamp.

### 2. Data Processing

- Extract data and record into Excel.
- Convert dates to uniform format.
- Compare submission date vs. due date:
  - **On-time** → send confirmation
  - Example Email Send :



- **Late** → send late notice
  - Example Email Send :

## Late Submission : Group 9- Week 7

- Create file with standard naming: **Group\_StudentID\_Week**
  - Save in **/Lab Assignments Submission/** folder.

## Example File Created :

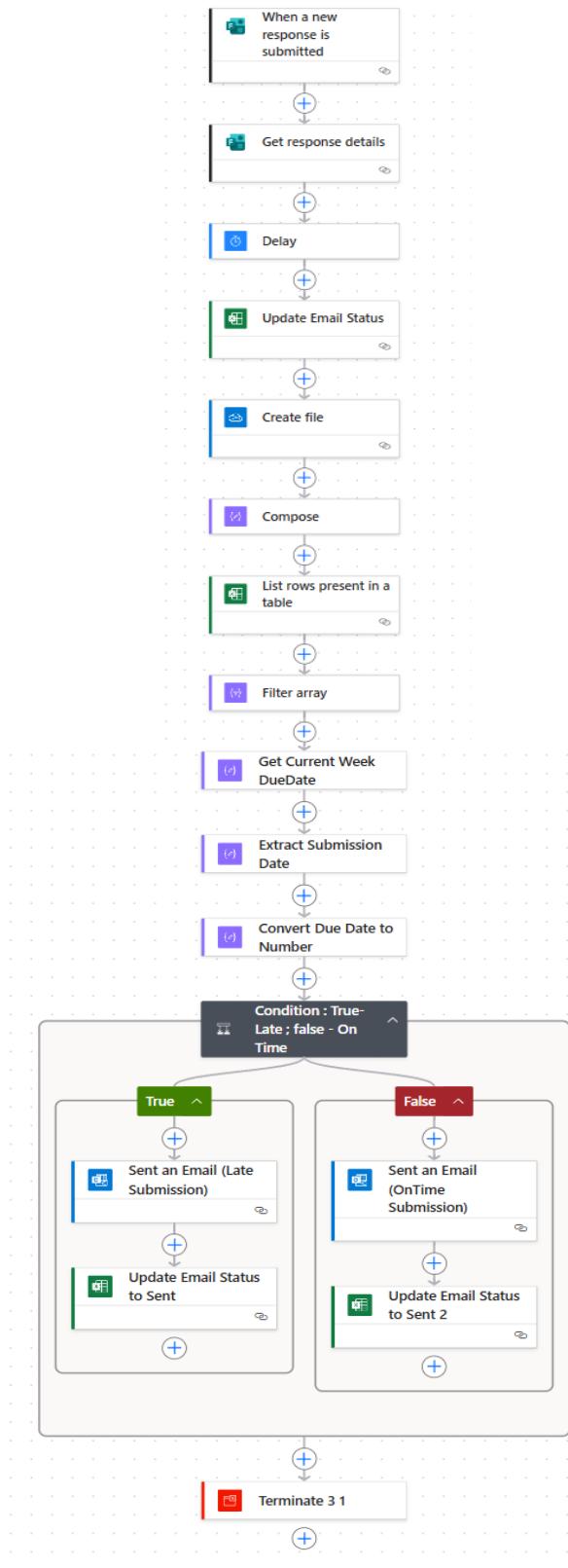
 Group 9_22011261_Week 12	14 minutes ago	Lee Pei Lin	502 bytes	Private
 Group 9_22011261_Week 7	17 minutes ago	Lee Pei Lin	479 bytes	Private

- Update email status in Excel.

## Example Email Status :

The RPA workflow fully automates assignment submission handling—from data extraction to communication—improving efficiency and accuracy while demonstrating practical use of AI and automation tools.

Flow :



Edit Share Save As Delete Send a copy Export Process mining (preview) Analytics Turn off Repair tips off Flow checker

Flows > RPA\_FINAL\_Exercise\_G37

Details		Edit
Flow RPA_FINAL_Exercise_G37	Status On	
Primary owner Lee Pei Lin	Created Nov 20, 2025, 10:12 PM	
	Modified Nov 20, 2025, 11:19 PM	
	Type Automated	
	Plan This flow runs on owner's plan	

Connections		Edit
 OneDrive for Business		

Co-owner		<a href="#">Set primary owner</a>	<a href="#">Share</a>
 Lee Pei Lin			

Process mining (preview)		<a href="#">Improve your flow</a>
	Average run duration	 00:01:04

Associated apps and flows		Edit
You don't have any apps associated with this flow. <a href="#">Learn more</a>		

28-day run history [Edit columns](#) [All runs](#)

Start	Duration	Status
Nov 20, 10:47 PM (32 min ago)	00:01:04	Succeeded
Nov 20, 10:44 PM (35 min ago)	00:01:04	Succeeded