

## **Experiment-13**

Date: 28/4/25

13. Design a process to Generate Covid-19 report and send this report

### **AIM**

Design a process to Generate COVID-19 report and send this report to the required recipient.

### **PROCEDURE**

#### **1. Open UiPath Studio**

- Launch UiPath Studio on your computer.

#### **2. Create a New Project**

- Click on “New Process” to create a new automation project.
- Give your project a name and choose a location to save it.

#### **3. Design the Workflow**

- Drag and drop a “Sequence” onto the canvas. This will be the main container for your activities.

#### **4. Add Activities for Report Generation**

- Add activities to generate the COVID-19 report. Below are the activities you’ll use:
- **Data Scraping:** Use the “Data Scraping” wizard or custom activities to scrape COVID-19 data from reliable sources (e.g., government websites, APIs). Extract relevant data such as number of cases, deaths, recoveries, etc.

- **Create Report:** Use activities like “Build Data Table” to structure the extracted data into a report format (e.g., Excel, HTML).

## 5. Add Activities for Email Automation

- Add activities to send the report to the required recipient. Below are the activities you'll use:
- **Send SMTP Mail Message:** Use the “Send SMTP Mail Message” activity to send an email. Configure the activity with the necessary details such as sender, recipient, subject, body, and attachment (attach the generated report).

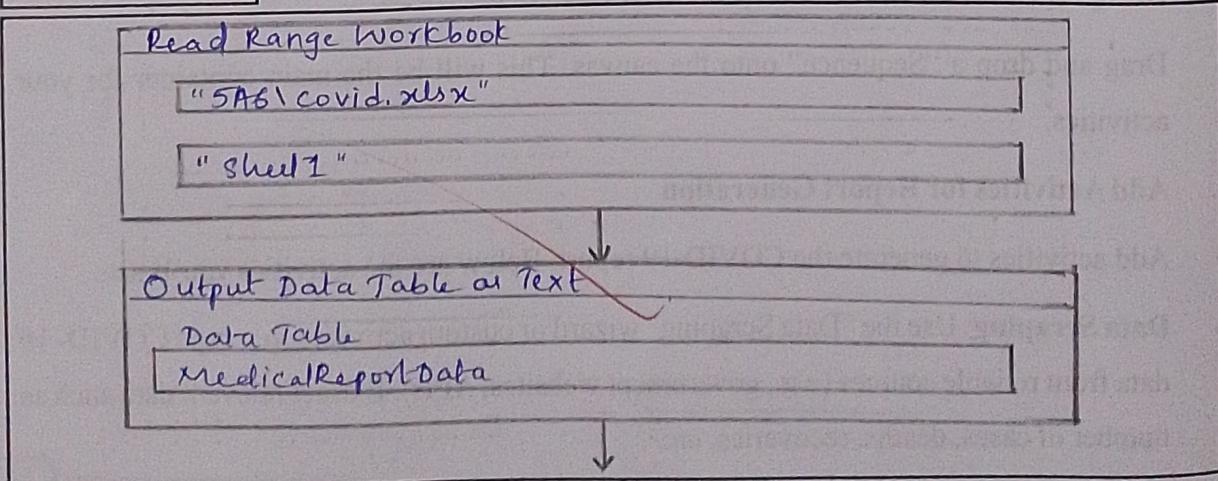
## 6. Configure Activities

- Configure each activity with the necessary inputs and properties. For example:
- Specify the data source and extraction method in the “Data Scraping” activity.
- Structure the extracted data into a report format using the “Build Data Table” activity.
- Configure the “Send SMTP Mail Message” activity with the appropriate email server settings and recipient details.

## 7. Run the Workflow

- Save your workflow and click on the “Run” button in UiPath Studio to execute the automation process.
- Monitor the execution and verify that the COVID-19 report is generated and sent to the required recipient.

### SOURCE CODE



Message Box

Text

StrOutputText

For Each Row in Data Table

Data Table

Medical Report Data

Item name

CurrentRow

↳ Body

Get-Row Item

Row

Current Row

Column

0

value

Textdate

Number     Name

Get-Row Item

Row

Current Row

Column

1

value

Region.

Number     Name

Get-Row Item

Row

Current Row

Column

2

value

Testresult

Number     Name

Get-Row Item

Row

Current Row

Column

3

value

Texttype

Number     Name

Get Row Item

Row

Current Row

Column

4

value

Comments

Number

Name

Get Row Item

Row

Current Row

Column

5

value

Name

Number

Name

Get Row Item

Row

Current Row

Column

6

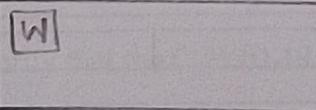
value

Emailid

Number

Name

Report - word



Application Path

"C:\Program Files\Microsoft Office\Office\ --- "

Application Arguments

"C:\Users\Student\Documents\UIpath\week13\report.doc"

L → DO

Word Application scope

filepath

"report.docx"

L → DO

Assign

Save to

Text to be typed

Value to save

## OUTPUT

## Append Text

Text

Text has to be typed

New line

 ON

## Save Document as PDF

File path

"covid-19.pdf"

Replace existing

 ON

## Assign

Save to

email

Value to save

New String { "22r01a05ab@}

## Send Email

Gmail

22r01a05ab@gmail.com

Save as draft

 True  False

TO

email

Subject

covid report

Body

Please find the attachment

Attachment(s)

1 item in collection

## Output:

## Message Box

28-04-2025 TS Negative PCR Isolation ABC

abc xyz@gmail.com

28-04-2025 TG Negative Blood Isolation XYZ

efg hij@gmail.com

OK

VIVA QUESTIONS

1. What activities in UiPath are used for extracting data from websites?

Ans. ~~'Get Text', 'Get Full Text', 'Get OCR Text' and  
'Extract structured Data'.~~

2. How can you export scraped data into an Excel file?

Ans. ~~using 'write Range' activity~~

3. What activities are used to send emails in UiPath.

Ans. ~~'Send Outlook Mail Message', 'Send SMTP Mail Message'  
and 'Send Exchange Mail Message'.~~

4. How do you ensure the data extracted is accurate and up-to-date?

Ans. ~~Using reliable selectors, refreshing the webpage before extraction  
and validating the extracted data.~~

5. How can you make the recipient's email address dynamic in the workflow?

Ans. ~~By storing it in a variable and using that variable in the  
email activity's 'To' field.~~

6. How do you design the workflow to scrape data from multiple websites.

Ans. ~~Using multiple 'Use Application / Browser' activities and  
organizing the scraping logic inside a 'For Each' loop with a list  
of website URL's.~~

~~John 28/11/25~~

## **Experiment-14**

**Date:** 28/11/25

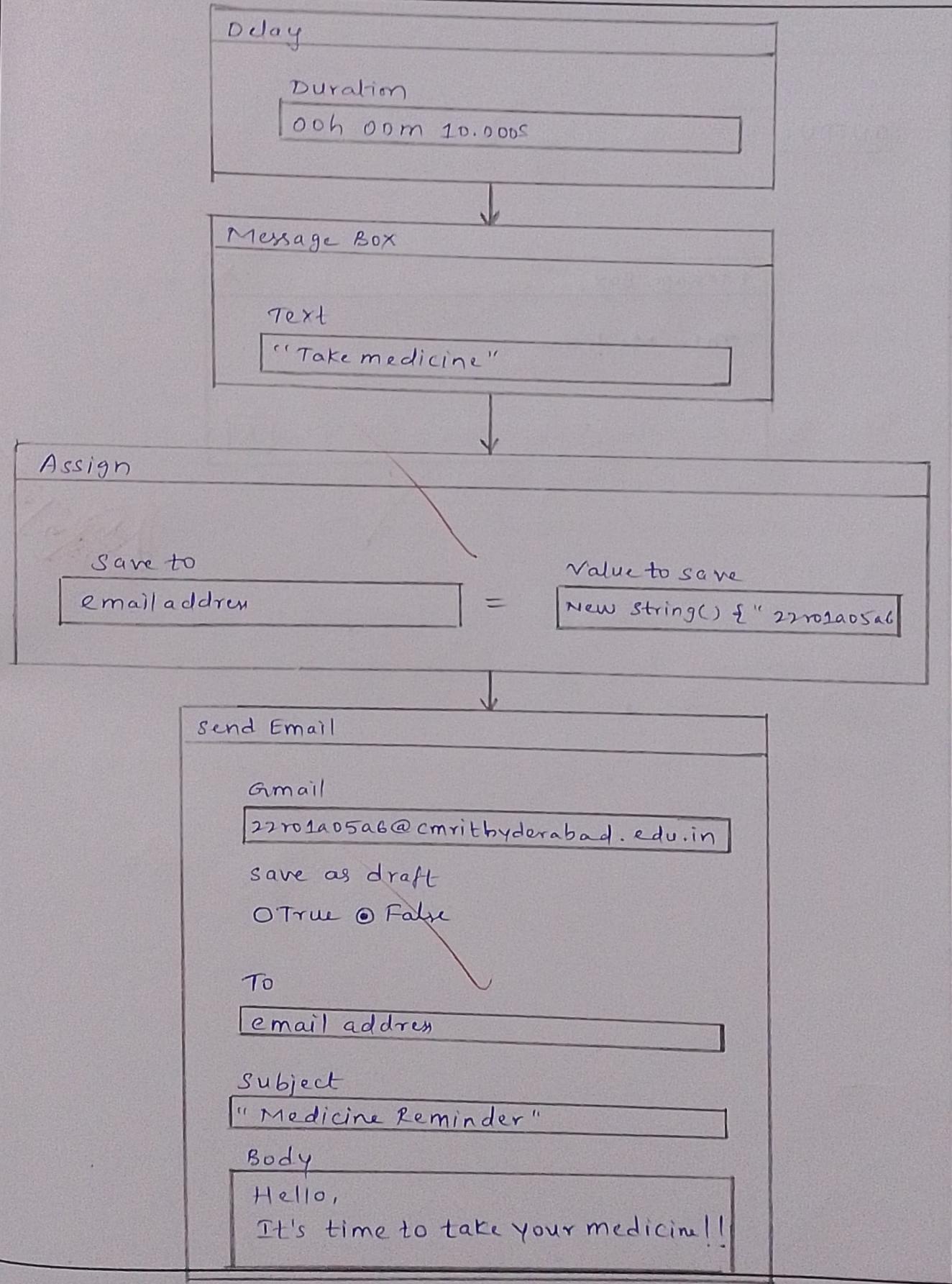
14. Create a process which reminds a user to take his medicine after every 4 hours

### **AIM**

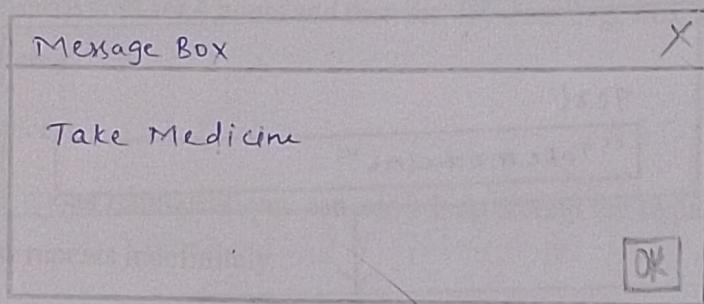
Create a process which reminds a user to take his medicine after every 4 hours Using UiPath

### **PROCEDURE**

1. **Open UiPath Studio**
  - Launch UiPath Studio on your computer.
2. **Create a New Project**
  - Click on “New Process” to create a new automation project.
  - Give your project a name and choose a location to save it.
3. **Design the Workflow**
  - Drag and drop a “Sequence” onto the canvas. This will be the main container for your activities.
4. **Add Activities for Reminder**
  - Add activities to remind the user to take their medicine. Below are the activities you’ll use:
  - **Delay:** Use the “Delay” activity to wait for 4 hours before reminding the user. Set the duration to 4 hours (e.g., 14400 seconds).



OUTPUT :



VIVA QUESTIONS

1. What activity in UiPath can be used to schedule tasks?

Ans. The "Orchestrator trigger" is used to schedule tasks.

2. How do you trigger reminders in UiPath.

Ans. Using 'Delay' activity combined with 'Send Email' or 'Message Box' Activities.

3. Can UiPath workflows run continuously without stopping.

Ans. Yes. By using loops and proper exception handling to manage errors and keep the process running.

4. How can you handle scenarios where the user acknowledges the reminder but wants to delay it?

Ans. Using "Input Dialog" Activity to get user's response and 'Delay' activity to postpone the reminder based on user input.

5. What is the purpose of the Delay activity?

Ans. It is to pause the workflow for a specified amount of time.

*Ques 28/3/15*