DAILY HOROSCOPE TRACKER

A PROJECT REPORT

Submitted by

AISHWARYA C (220701017)

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RAJALAKSHMI NAGAR
THANDALAM CHENNAI – 602 105

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RAJALAKSHMI ENGINEERING COLLEGE
CHENNAI - 602105

BONAFIDE CERTIFICATE

Certified that this project report **"DAILY HOROSCOPE TRACKER"** is the bonafide work of **"AISHWARYA C (220701017)"** who carried out the project work for the subject OAI1903 - Introduction to Robotic Process Automation under my supervision.

SIGNATURE

MRS. JINU SOPHIA,
Assistant Professor (SG),Department of
Computer Science and Engineering,
Rajalakshmi Engineering College,
Rajalakshmi Nagar,
Thandalam, Chennai – 602105.

Submitted to Project and Viva Voce Examination for the subject OAI1903 - Introduction to Robotic Process Automation held on   .

Internal Examiner   **External Examiner**

ACKNOWLEDGEMENT

ABSTRACT

Daily Horoscope Tracker Bot is an intelligent RPA-based solution developed using UiPath that revolutionizes how users receive personalized horoscope insights and wellness tips. Designed to streamline daily routines, the bot automates the process of gathering horoscope data from multiple trusted websites, integrating it with practical wellness advice tailored to users' zodiac signs and preferences. Upon collecting the data, it generates a comprehensive report that is sent via email or notifications, ensuring timely delivery of personalized insights. The bot also logs past horoscopes, enabling users to analyze trends and uncover patterns over time. This feature allows users to reflect on recurring astrological influences while gaining a deeper understanding of their wellness habits. With advanced customization options, users can set preferences for specific zodiac signs or report formats, making the experience highly engaging and user-centric. By automating this process, the bot not only saves significant time but also provides consistent, reliable, and meaningful updates that enhance daily productivity and promote mental and physical well-being. Combining the capabilities of RPA with intelligent web scraping and trend analysis, the Daily Horoscope Tracker Bot is an innovative tool for improving lifestyle quality through insights automated support

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LIST OF ABBREVIATIONS

ABBREVIATION	ACCRONYM
RPA	Robotic Process Automation
AI	Artificial Intelligence
API	Application Programming Interface
CV	Computer Vision
OCR	Optical Character Recognition

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The Daily Horoscope Tracker is an innovative solution at the intersection of Robotic Process Automation (RPA) and personal well-being, designed to revolutionize how individuals access and utilize astrological insights. In today's fast-paced world, where time is precious, this intelligent bot leverages the UiPath platform to automate the collection, analysis, and delivery of daily horoscope predictions and wellness tips, offering a seamless and personalized experience for users.

Developed to address the growing demand for accessible and meaningful lifestyle tools, the bot automates the process of gathering horoscope data from multiple reliable sources, integrates it with wellness advice, and delivers tailored daily reports directly via email or notifications. By logging past horoscopes, it enables trend analysis and provides users with deeper insights into astrological patterns and their potential impact on personal growth.

The UiPath platform, known for its powerful automation capabilities, underpins the bot's functionality. With features like intelligent web scraping, data integration, and customizability, the platform ensures efficiency and scalability. UiPath's low-code environment facilitates the development of user-centric automation, while its advanced orchestration capabilities enable reliable execution and delivery of daily updates. By combining these capabilities, the Daily Horoscope Tracker transforms routine horoscope checking into a smart, automated, and insightful activity, promoting mindfulness, well-being, and better daily decision-making.

1.2 OBJECTIVE

The primary objective of the Daily Horoscope Tracker is to streamline and personalize the daily horoscope experience by leveraging Robotic Process Automation (RPA). The bot automates the collection, analysis, and delivery of astrological insights and wellness tips, ensuring timely and accurate updates for users. It aims to enhance daily routines by providing personalized reports tailored to users' zodiac signs and preferences while enabling trend analysis through the logging of past horoscopes. This project seeks to offer a reliable, efficient, and user-centric solution for promoting mindfulness and well-being through automated, insightful daily updates.

1.3 EXISTING SYSTEM

In the current horoscope tracking landscape, obtaining daily astrological insights and wellness advice is a manual and time-consuming process. Users often rely on browsing multiple websites or consulting apps to find relevant horoscopes and wellness tips tailored to their zodiac signs. This approach requires consistent effort, as individuals must manually navigate, extract, and compile the information daily. Furthermore, analyzing trends or maintaining a record of past horoscopes for deeper insights is rarely feasible without significant manual intervention. The absence of an automated and efficient system makes it challenging to ensure consistent, personalized, and insightful updates, highlighting the need for a more streamlined solution.

1.4 PROPOSED SYSTEM

The Daily Horoscope Tracker is envisioned as a transformative solution to the challenges of manual horoscope tracking and wellness guidance. Leveraging UiPath's robust RPA capabilities, the bot automates the process of collecting daily horoscope data from trusted websites, integrating it with personalized wellness tips tailored to users' zodiac signs and preferences. The proposed system ensures the seamless delivery of insightful reports via email or notifications, saving users significant time and effort. Additionally, the bot's ability to log past horoscope data enables trend analysis, offering users deeper insights into recurring astrological patterns and their potential impacts. By automating the entire process, the bot provides an efficient, reliable, and user-centric solution, promoting mindfulness and well-being while redefining how individuals access and utilize daily astrological insights.

CHAPTER 2

SYSTEM DESIGN

2.1 SYSTEM FLOW DIAGRAM

A flowchart is a type of diagram that represents an algorithm, workflow or process. The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows. This diagrammatic representation illustrates a solution model to a given problem. The system flow diagram for this project is in Fig. 2.1.
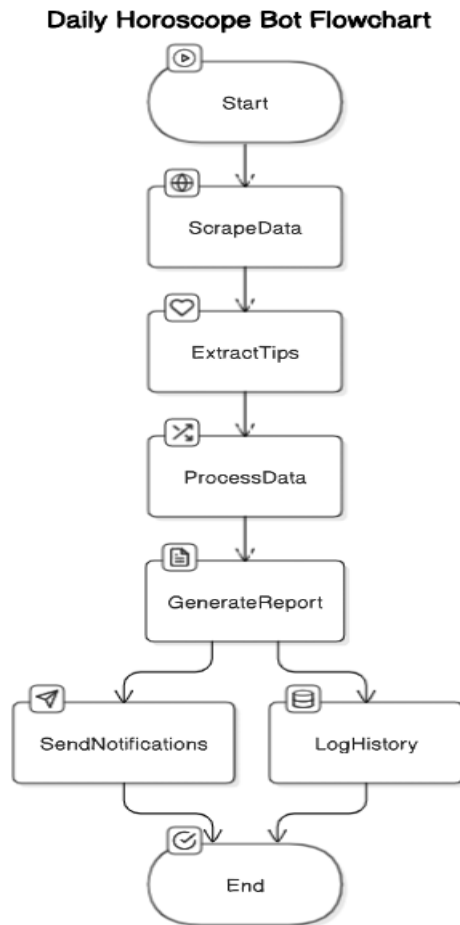
Fig 2.1 System Flow Diag

2.2 ARCHITECTURE DIAGRAM

An architecture diagram is a graphical representation of a set of concepts, that are part of an architecture, including their principles, elements and components. The architecture diagram for this project is in Fig. 2.2.

Fig 2.2 Architecture Diagram

2.3 SEQUENCE DIAGRAM

A sequence diagram is a type of interaction diagram because it describe and s how in what order a group of objects works together. The sequence diagram for this project is in Fig. 2.3.

Fig 2.3 Sequence Diagram

CHAPTER 3

PROJECT DESCRIPTION

The Daily Horoscope Tracker is an advanced Robotic Process Automation (RPA) project developed using UiPath, designed to simplify and personalize the process of delivering daily horoscope insights and wellness tips. This intelligent bot automates th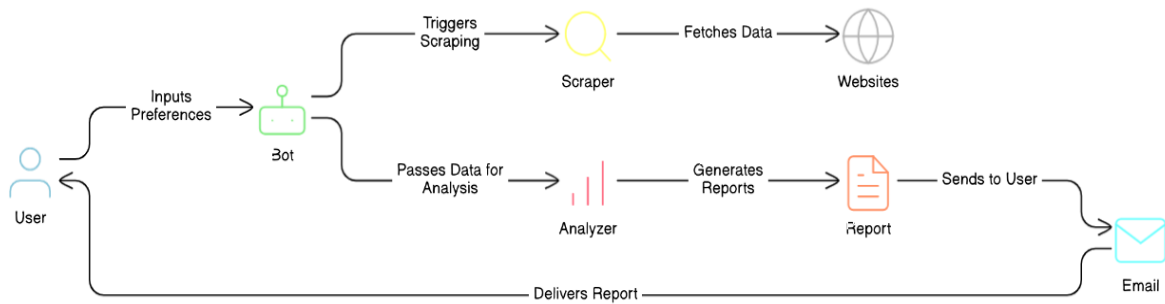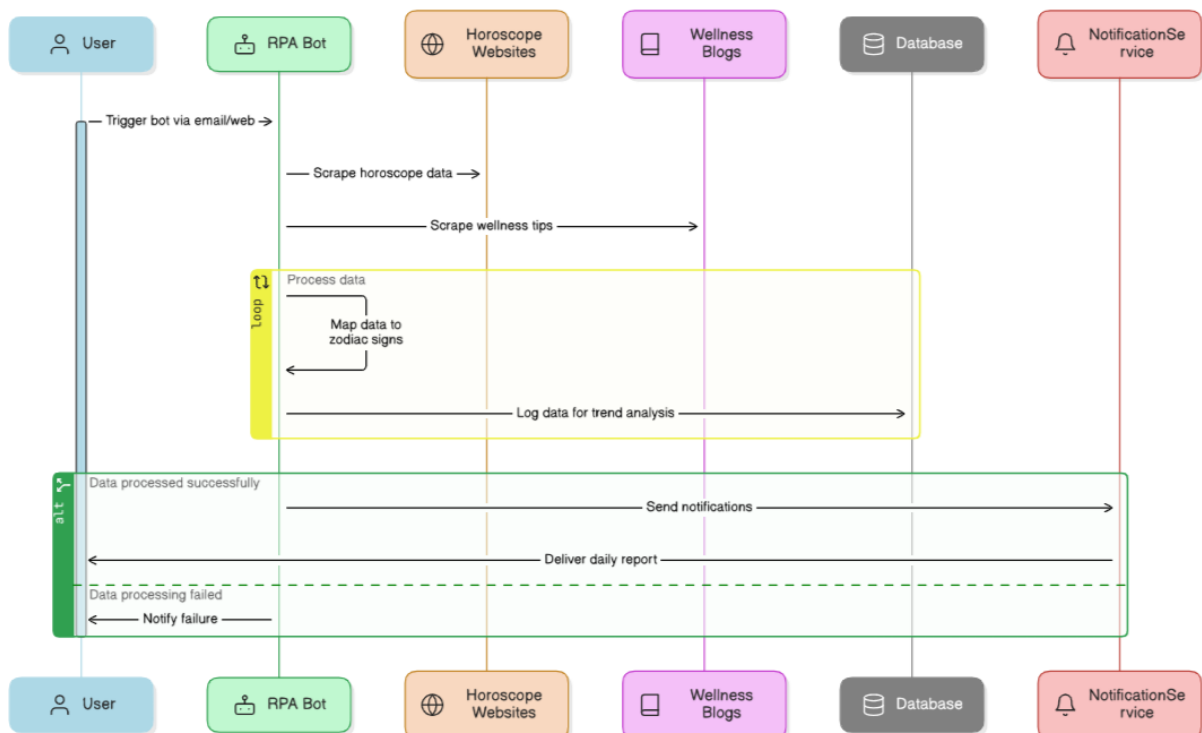e collection of horoscope data from trusted websites and integrates it with practical wellness advice tailored to users' zodiac signs and preferences. By generating and delivering comprehensive daily reports via email or notifications, the bot ensures consistent and accurate updates. Additionally, it logs historical horoscope data, enabling trend analysis and deeper insights into astrological patterns. The project aims to enhance users' daily routines, promoting mindfulness and well-being through automated, insightful, and user-centric solutions.

3.1.MODULES:

3.1.1.INPUT HANDLING AND INITIALIZATION:

3.1.1.1User Preferences Configuration:

- Collects user-specific preferences for the horoscope and wellness tracker system.

3.1.1.2Data Sources Initialization:

- Sets up and validates connections to external horoscope and wellness content sources.

3.1.2 DATA SCRAPING AND PROCESSING:

3.1.2.1 Horoscope Data Scraping:

- Automates the extraction of daily horoscope data from specified websites.

3.1.2.2 Wellness Tips Scraping:

- Gathers wellness-related content, such as tips on health, mindfulness, or fitness.

3.1.3 ALERT AND REPORT GENERATION:

3.1.3.1 Personalized Daily Summary Report:

- Combines the horoscope and wellness tips into a daily report.

3.1.3.2 Notification System:

- Sends daily horoscope and wellness tips to the user.

3.1.4 TREND ANALYSIS AND STORAGE:

3.1.4.1 Historical Data Logging:

- Maintains a database of past horoscopes and wellness tips for reference.

3.1.4.2 Trend Analysis Module:

- Analyzes the historical horoscope data to identify patterns or trends.

CHAPTER 4

OUTPUT SCREENSHOTS
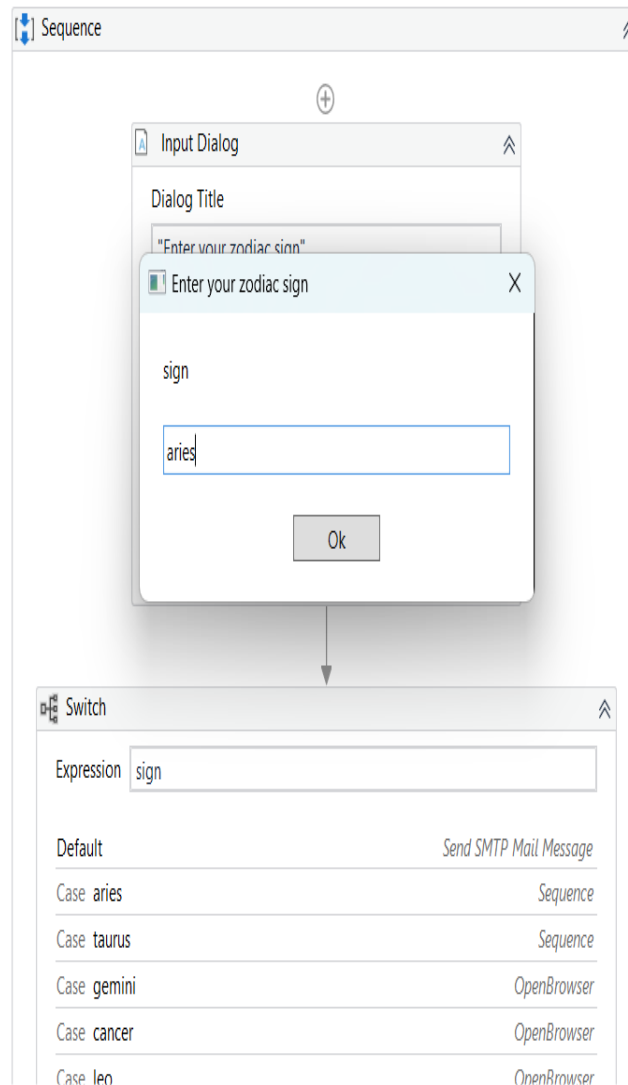
Fig.No.4.1 Input Dialog Box

The Fig.4.1 allows the user to select their zodiac sign from a predefined list of options. It ensures accurate personalization by capturing the user's sign for horoscope generation. This step is crucial for tailoring daily predictions and wellness tips specific to the user.

Fig.No.4.2 Input Dialog Box

The input dialog box enables the user to choose their preferred language, either Tamil or English. This selection ensures that all horoscope predictions and wellness tips are presented in the user's chosen language. It enhances user experience by offering content in a familiar and comfortable format.

220701017@rajalakshmi.edu.in — Wed, Nov 13, 8:16 AM (5 days ago)
to chozhanaishwarya ▾

மேஷம் பொதுப்பலன்கள்: இன்று மந்தமான நாளாக இருக்கும். கடினமான சவால்களை எதிர்கொள்ள நேரலாம். இறை வழிபாடு வெற்றி அளிக்கும்.
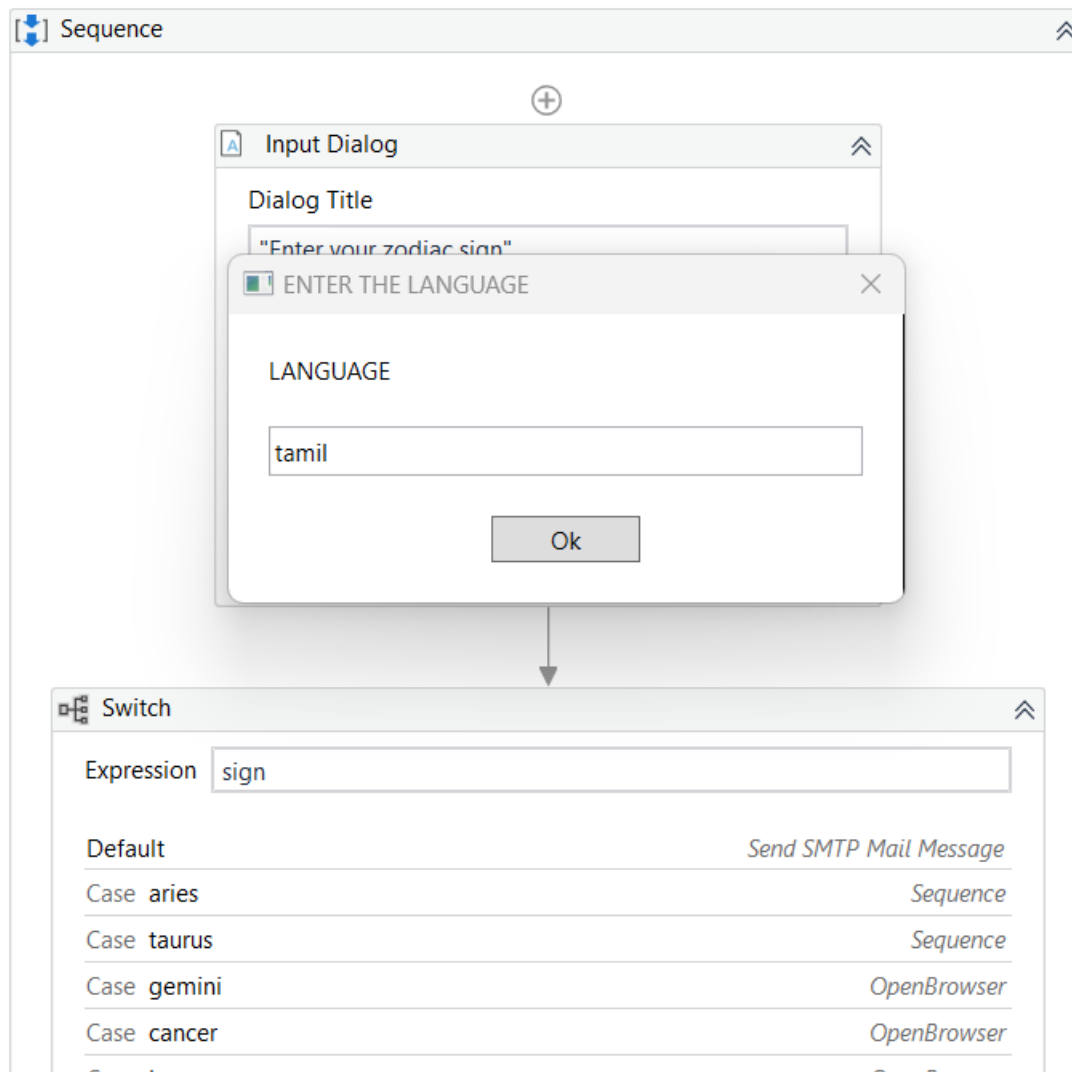
Fig.No.4.3 Email Notification

Sends the daily horoscope and wellness tips to the user's selected email in their preferred language. This ensures timely delivery of personalized content for easy access.

220701017@rajalakshmi.edu.in — Thu, Nov 14, 5:48 AM (4 days ago)
to chozhanaishwarya ▾

You must take complete rest to recharge your body otherwise the fatigue could cause pessimism in you. Together with your spouse, you can discuss finances and plan your wealth for your future. Health of your spouse might cause some worry. Try harder you will definitely be luckier as it is your day today. Looks like your seniors at work are acting angelic today. While spending free time with your spouse tonight, you will realize how important it is to give them more time. Women are from Venus and Men are from Mars, but it's the day when Venus and Mars will melt into each other.

Fig.No.4.4 Email Notification

Sends the daily horoscope and wellness tips to the user's selected email in their preferred language. This ensures timely delivery of personalized content for easy
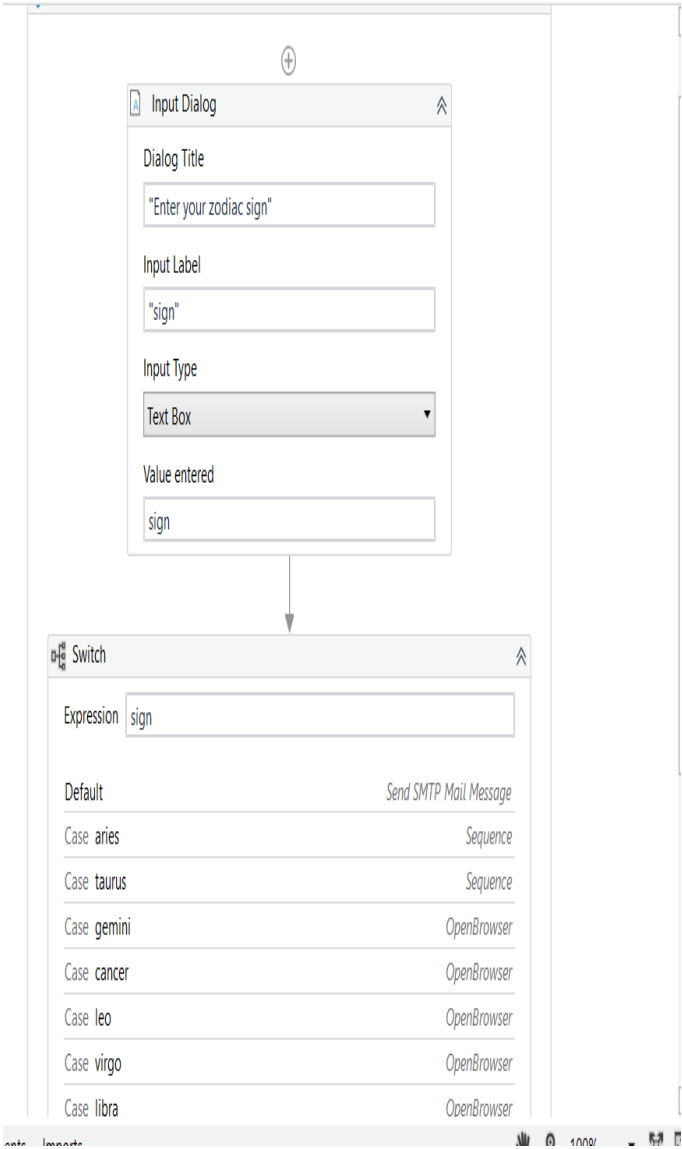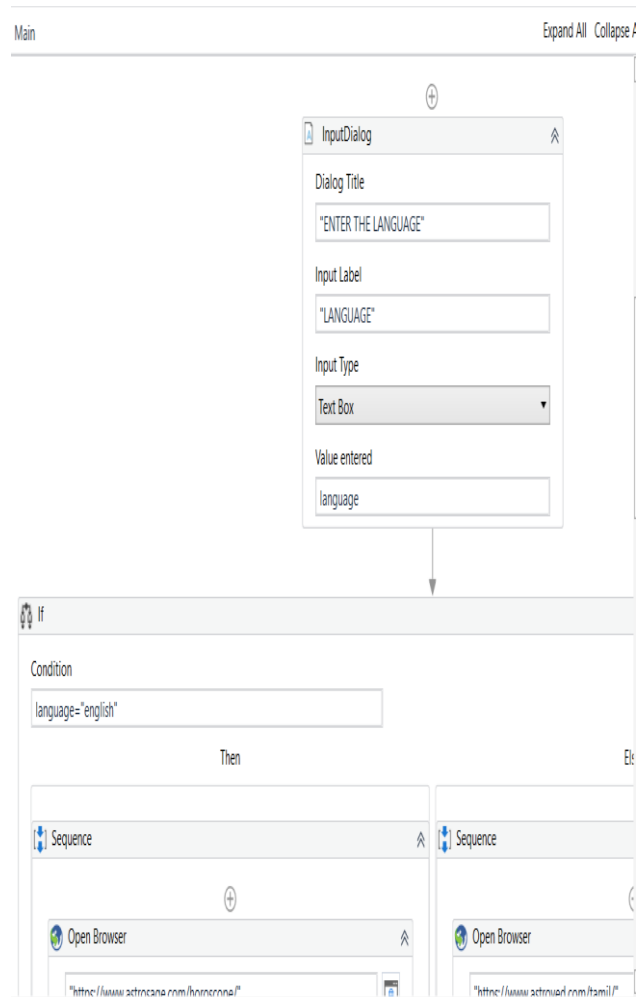
CHAPTER 6

CONCLUSION

The Daily Horoscope Tracker redefines the way users interact with astrological insights and wellness guidance by harnessing UiPath's Robotic Process Automation (RPA) capabilities. This innovative solution automates the collection, processing, and delivery of personalized horoscope data and practical wellness tips, offering users an efficient and seamless experience.

By streamlining repetitive tasks, the bot ensures timely and accurate updates, saving users significant effort while promoting mindfulness and well-being. Its ability to log and analyze historical horoscope data provides valuable insights into patterns and trends, further enhancing user engagement.

While the bot excels in automating routine tasks, its effectiveness relies on maintaining accurate data sources and adapting to evolving user preferences. Continued refinement and updates will ensure its relevance and reliability. Nonetheless, the successful implementation of this project represents a significant step forward in integrating RPA with daily lifestyle enhancements, underscoring the potential of automation in delivering personalized, insightful, and practical solutions.

APPENDIX PROCESS WORK FLOW

⊕

InputDialog   ⌃

Dialog Title

"ENTER THE LANGUAGE"

Input Label

"LANGUAGE"

Input Type

| Text Box | ▾ |

Value entered

language

If

Condition

language="english"

Then		Els

Sequence   ⌃   **Sequence**

⊕   (⊕

Open Browser   ⌃   **Open Browser**

"https://www.astrosage.com/horoscope/" 📅   "https://www.astrosage.com/tamil/"

"https://www.astrosage.com/horoscope/"

[ ] Do

Click 'H3'

LEADER
Aries

Get Text 'P'

Wednesday, November 13, 2024
Health wise this period will be dull th
to the needs of family members. Inv
that will rejuvinate your energy and

Send SMTP Mail Message

To	"chozhanaishwarya@gmail.com"
Subject	"Extracted Text"
Body	result1

Attach Files

"https://www.astroved.com/tamil/"

[ ] Do

Click 'H3'

Get Text 'P'

மேஷம் பொதுப்பலன்கள்: ★ ★ ☆ ☆
இன்று உங்களுக்கு சாதகமான நாளா
எதையோ இழந்தது போன்ற உணர்வ

Send SMTP Mail Message

To	"chozhanaishwarya@gmail.com"
Subject	"Extracted Text"
Body	result1

Attach Files

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