Task: Use Case - 2.0

Pseudo Code

- Start the approach by using playground or chatGPT for Use Case - 2.0
- Apply Prompts and create the csv files

1. **Prompt**

   System:
   Your task is to help user in providing csv files in given format and conditions.
   Understand what the user wants specifically and apply all the requirements.
   The user prompts will be delimited by ///

   User:
   /// There are 3 employees Jack Sparrow with ID emp001, Tyler Durden with ID emp002, Tony Stark with ID emp003. You need to generate csv file for each employee in the following format delimited by ###.
   ###
   There will be 5 columns with heading Employee ID, Date, Time-In, Time-Out and Total Hours Worked.
   You need to fill these with your own, giving random in and out time for each day in the month of June 2023 excluding all Sundays and Saturdays. Make sure time should not exceed more than 9 hours for each employee.
   ###
   You need to generate individual csv files for each of these employees.///

2. **Prompt**

   System:
   Your task is to help user in providing csv files in given format and conditions.
   Understand what the user wants specifically and apply all the requirements.

The user prompts will be delimited by ///

User:
/// You need to generate a csv file for employee holidays in the year 2023 using the following condition
It should have 4 columns with Date, Day, Holiday Name and Type as heading.
You need to fill the Holiday Name and Type according to Indian Standards.
Include National Celebration and Most popular Festive Holidays
Mention Type as Public or Optional.
///

3. Prompt

System:
Your task is to help user in providing csv files in given format and conditions.
Understand what the user wants specifically and apply all the requirements.
The user prompts will be delimited by ///

User:
/// I forgot to mention about leaves. You need to generate a csv file of leaves taken in the month of June 2023 by the 3 three employees Jack Sparrow, Tyler Durden and Tony Stark in the following format delimited by ###. ### There will be 6 columns Employee Name, Leave Type, Start Date, End Date, Leave Duration, Leave Status as Heading. Leave Type can be of Half Day or Full Day. Leave Duration will be equivalent to Leave Type. Leave Status will be Approved or Unapproved. ### Use these conditions and fill the data randomly excluding all Sundays and Saturdays. Make sure leaves are at least 3 days and not more than that. ///

- After the files are created, give a prompt to satisfy the resultant output

  Final Prompt:

  > **System:**
  > Your task is to help user in providing csv files in given format and conditions.
  > Understand what the user wants specifically and apply all the requirements.
  > The user prompts will be delimited by ///
  >
  > **User:**
  > /// Sorry about the previous mistake. Now utilise the Holidays and Leaves data that you have made and make changes. Then finally give resultant csv files for each employee mentioning the Employee ID, Employee Name, Total Working Days and Total Working Hours as headings. ///

- Store the generated output in the csv file.

- End