Packages required

1. Tkinter - Tkinter is the standard GUI library for Python.
2. OS - The OS module in Python provides functions for interacting with the operating system.
3. datetime - Datetime module supplies classes to work with date and time.

Installation

Tkinter

```
We just need to install Python from www.python.org, and it comes along with
Python.
We do not need to install it separately.
```

Datetime

```
Datetime module comes built into Python, so there is no need to install it
externally.
```

OS

```
OS is python's standard library. So, no need to download it.
```

Usage

```python
import os
from datetime import date
import tkinter as tk
from tkinter import *
```

Execution flow (How to run the program?)

Option 1

```
1. First extract the zip file.
2. Navigate to the file mainProject.py
3. Launch the code in any of the supporting IDE/code editors. (You must have
python pre-installed in your system)
4. Run the code.
5. Now you are ready to interact with our python-based GUI program.
```

Option 2

```
1. First extract the zip file.
2. Navigate to the path containing extracted folder.
3. Here you can see one file named as mainProject.py
4. Now click on the location bar of Windows Explorer.
5. Then type cmd and press Enter key.
6. The command prompt will be opened in the folder.
7. Type "python mainProject.py" on command line (You must have python pre-
installed in your system).
8. Now you are ready to interact with our python-based GUI program.
```

Features of program

This is a GUI-based program. Once started running, it will prompt users to ask whose role they want to play. According to the selection, the program will ask for credentials. Once the credentials are matched, the program will unlock the respective functions

```
1) Employee

>> Admin Id and password
         If id and password match then banker will unlock his/her
functionalities. If they don't match or entered admin ID doesn't exist then
appropriate error prompts are displayed.
        > Functionalities:

                1. Create bank account

                        - Account type
                        - Name
                        - Gender
                        - Nationality
                        - Account number
                        - PIN
                        - KYC document submitted e.g. Passport, Driving license,
                        - DOB
                        - Mobile number
                        - Initial account balance

                        Above mentioned details are typed into the form.

                        - Mobile number should be of 10 digits
                        - Valid date
                        - Unique account number
                        - Valid initial balance
                        - Valid date of birth
                        - Any one of the account type should be selected
                        - Any one of the genders should be selected
```