

## Requirements

### Customer Account Types:

- The application must support three types of accounts: Personal, ISA, and Business.

### Account Opening Requirements:

- Personal Account:
  - Customers must provide a photo ID (e.g., passport, driver's license).
  - Customers must provide an address-based ID (e.g., utility bill, council letter).
  - Minimum initial deposit of £1 (GBP) is required.
- ISA Account:
  - Maximum you can save in ISA is £20,000
  - 4 Types of ISA: cash ISA, stocks and shares ISA, innovative ISA, Lifetime ISA
  - Customers can have only one ISA account.
  - 16 or over for cash ISA and 18+ for the rest
  - Must be resident in UK or crown servant.
  - Cannot hold ISA with or on behalf of someone else
  - Junior ISA for under 18
- Business Account:
  - Customers must provide proof and details of an existing business.
  - Enterprise, PLC, charity, and public sector-based companies are excluded.
  - Annual charge of £120 (GBP) applies.
  - Businesses can have only one account.
  - Types of businesses include: Sole traders, Limited companies, Partnerships

### Account Features:

- Personal Account:
  - No charges for owning the account, but charges may apply if the account is overdrawn.

- Supports direct debits and standing orders.
- ISA Account:
  - Offers an annual APR of 2.75% on the average annual balance.
- Business Account:
  - Provides a business cheque book (by request).
  - May include debit/credit cards and an overdraft facility.
  - Offers international trading and access to loans.

#### **Customer Authentication:**

- Implement customer authentication methods (e.g., username/password) for accessing accounts.

#### **Validation:**

- Validate user input to ensure data integrity and prevent errors.

#### **User Interface:**

- Create a simple menu system for account management.
- There is no need for a graphical user interface (GUI).

#### **Help System:**

- Implement a help system that provides assistance to users based on their actions.

#### **Assumptions Documentation:**

- Document any assumptions made during the application development process.

#### **Code Repository:**

- Upload the project code to a shared Git repository on GitHub or another agreed-upon platform.