Step 1: Customer Request & Verify
→ Safe Bank Checking, Advantage Plus Checking,
   Advantage Relationship Checking   ⟨Email⟩
→ Advantage Savings
• Safe Bank - $4.95 monthly fee for people > 24 , can withdraw
   3 times a month
• Checking - $12/month fee for > 24 yold, waived if
   ⟨for all⟩ { · balance > 1500 , will not authorize
             withdraws when not enough balance
             (auto decline)   ⟨for all⟩
• Relations - $25/month fee / auto decline
• Savings - $8/month, waived if $500 or more
   balance / 6 withdraws free changed
   $10 for each additional

Step 2: Analysis & Research
→ customer interaction w/ bank
   "Create new profile (N) or Login (L)" → input ()
   supported terminal functions
   • add account [account type] , remove account [type]
   • summary (returns _str_user profile) , interest,
   • deposit [type] [amount] , withdraw [type] [amt]
   • remove customer (deletes profile) , exit (saves &
                                                ends)
   BANK DOESN'T STORE NAME OR PIN
   → for security purposes, hash((name, pin)) is
      stored (user has to guess name & pin combo)

Step 3: Design & Verify

→ use UML diagrams (picture attached separately)

Step 4: Implentation & Test

→ code attached in Bank2

Step 5: Integrate & Test

→ all classes integrated in Bank, user internets using main.py

→ while True: used to prompt user for inputs & commands

→ testing