# The Golden Rams

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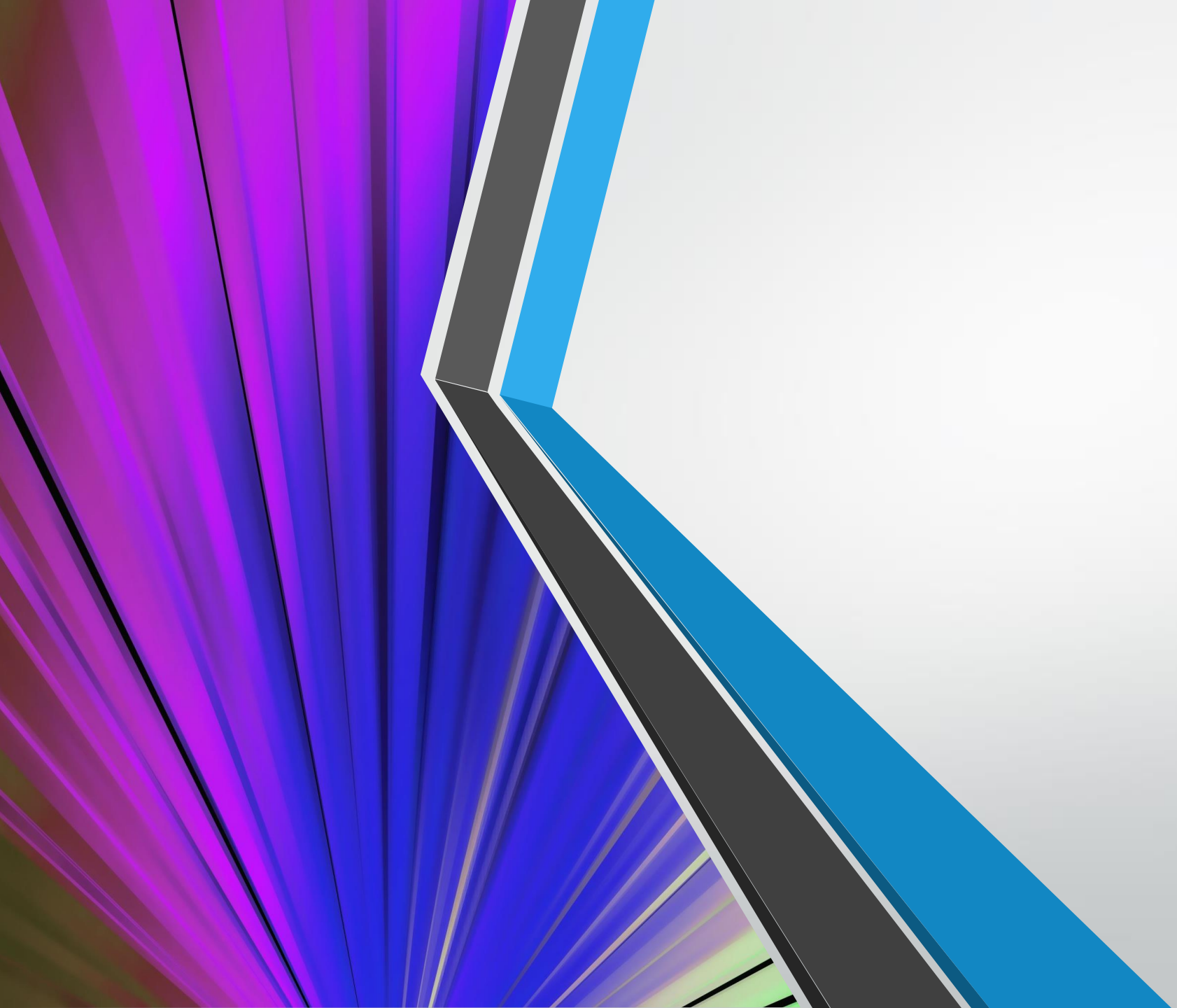
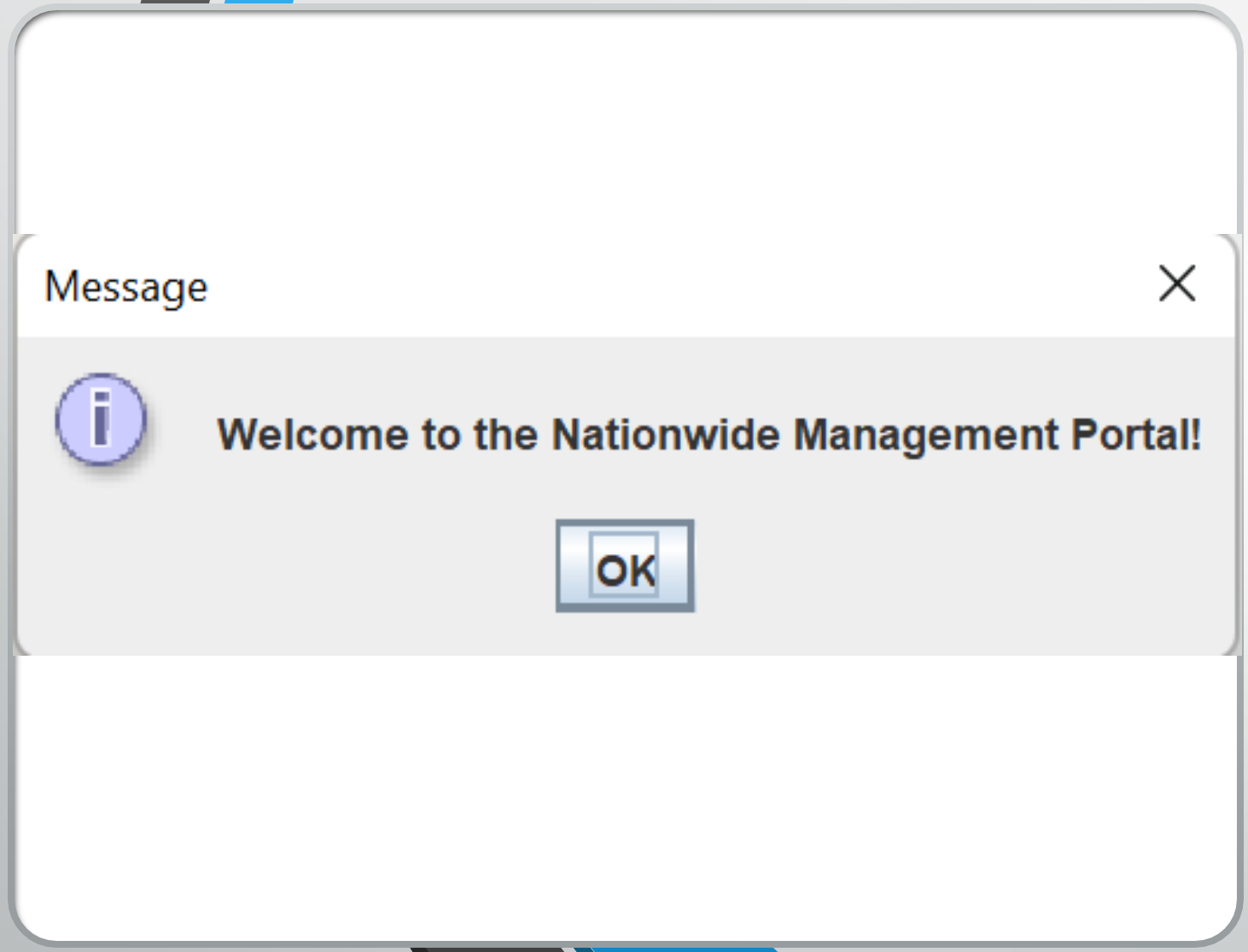
**Goal: Generate an account management portal for users**

# ALGORITHM

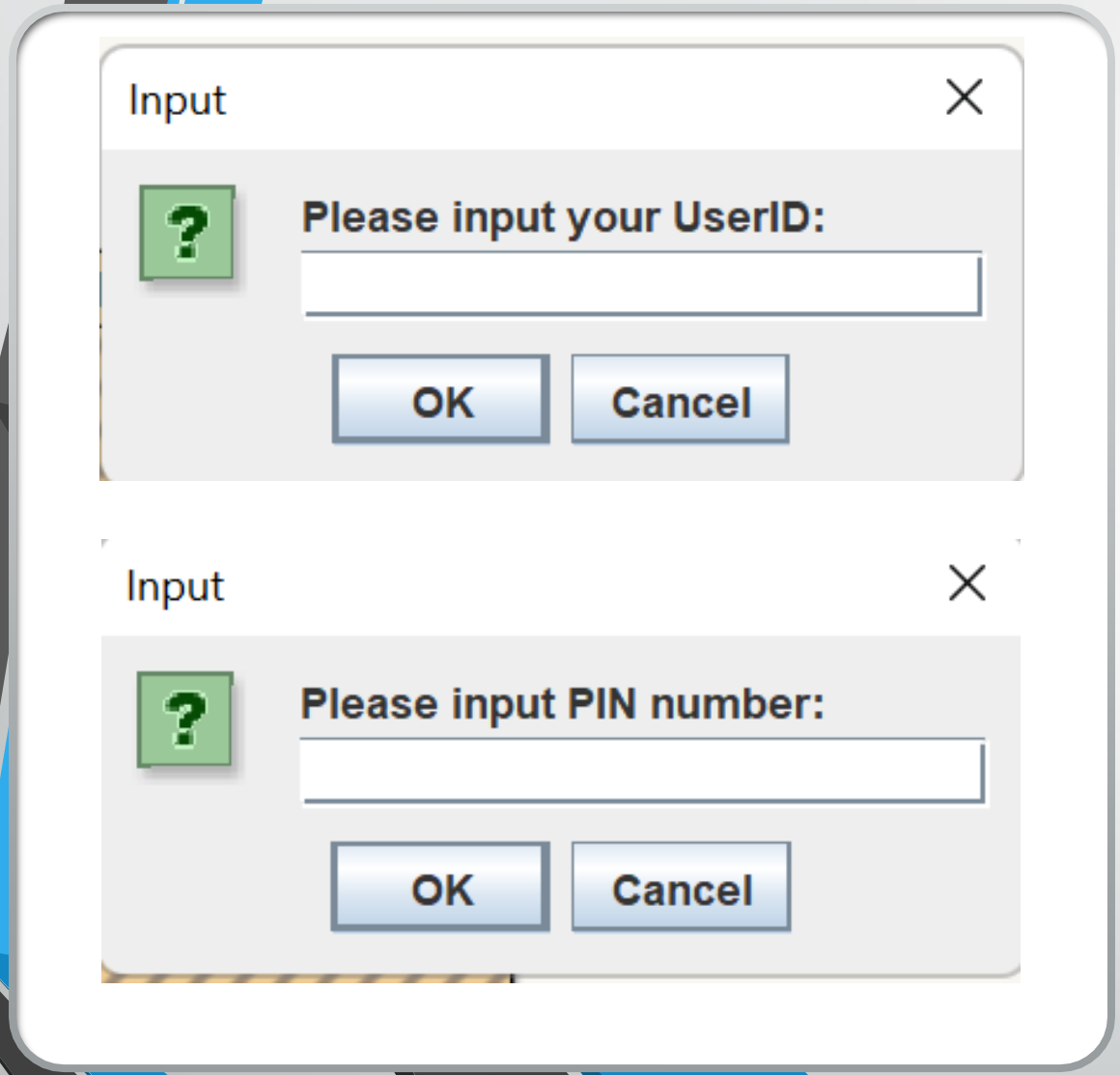
- 1.Start Algorithm
- 2. Welcome screen
  - 2.1 "Welcome to the Nationwide Account Portal!"
- 3. Input Credentials
  - 3.1 Input valid user - Check against array userID{5132, 4893, 0562, 2651} - If correct, proceed - If incorrect, try again
  - 3.2 Input Password - Check against user pass{813, 211, 023, 452} - If correct, proceed - If incorrect, try again 4 times - If still incorrect lockout/kickout
- 4. Account Selection
  - 4.1 "Please select your account type"
  - 4.2 Drop down menu - Insurance - Retirement - Smart Credit -Quit
- 5. Change Password - "Password must have _____" - Input from user - Has to meet requirements
- 6. End Algorithm



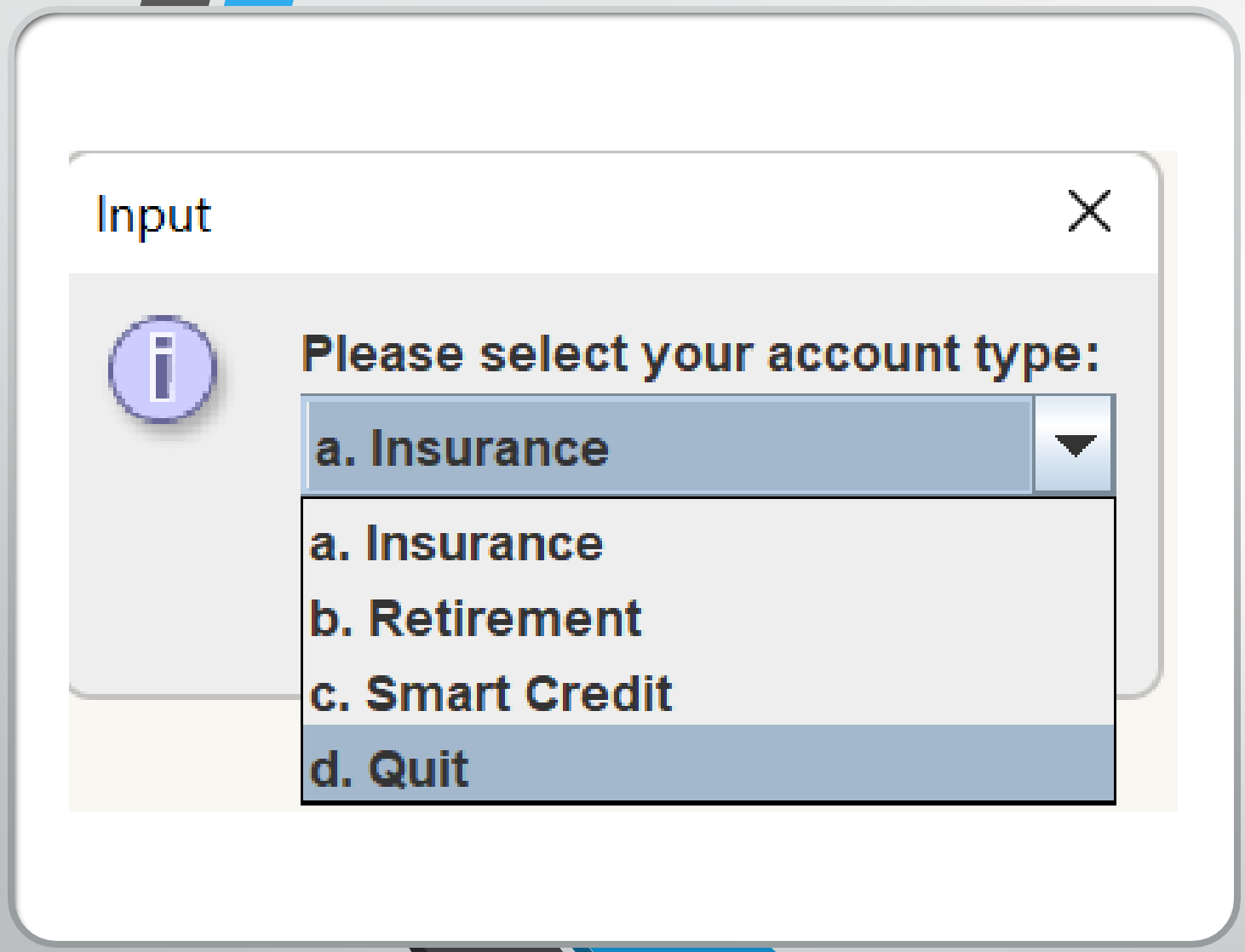
# GUI



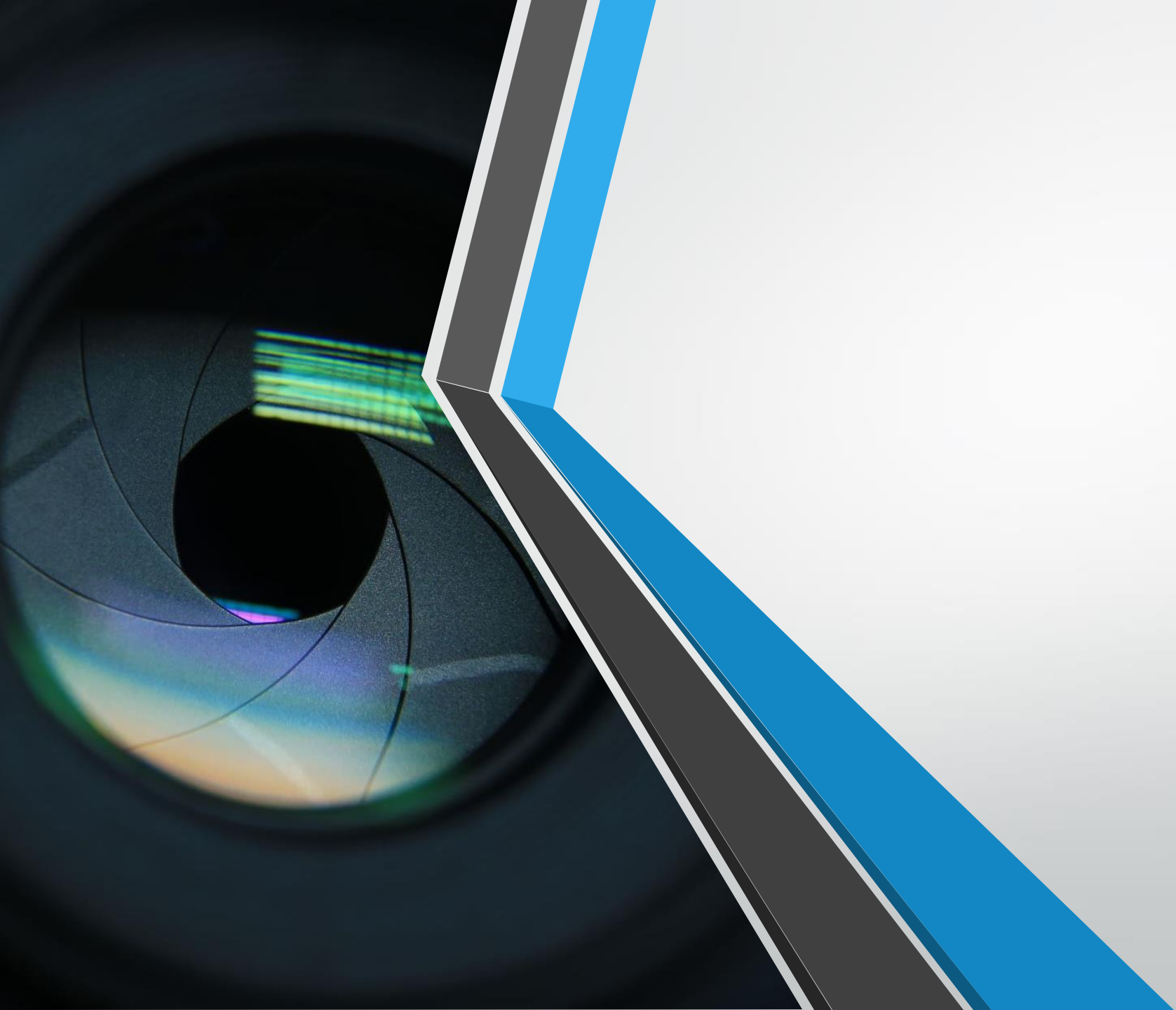

# WELCOME SCREEN




# INPUT CREDENTIALS




# ACCOUNT SELECTION



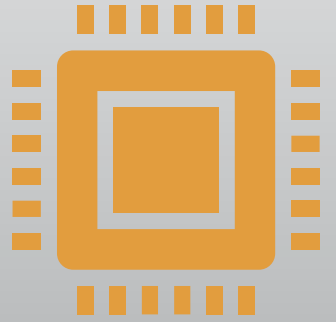
# DEMO

# FUTURE MODIFICATIONS

- Expand Database for Dropdown Options
  - (Insurance, Retirement, Smart Credit, Quit)
- Increase Security
  - New password must contain at least:
    - 8 Characters
    - 1 Uppercase
    - 1 Lowercase
    - 1 Special Character

# WHAT WE LEARNED

Arrays



JOptionPane (GUIs)

bye