# DESIGN

## Pseudocode

# Initialize Scanner object

# set boolean isSSN = True

# output: Enter a SSN

# input: (string) Provided Value

# Check if provided value is 11 characters long

# If not, set isSSN = False

# Loop through len(provided value)

# If loop index = 3 or 6 check if the character is “-“

# If not, set isSSN = False

# otherwise, check if the character is a digit

# if not, set isSSN = False

# if isSSN = True:

# Output: provided value + “is a valid SSN”

# If isSSN = False:

# Output: provided value + “is an invalid SSN”

## A screenshot of a computer screen Description automatically generatedFlowchart

# TEST PLAN

|  |  |  |
| --- | --- | --- |
| Test # | Input | Expected Output |
| 1 | 232-23-5435 | 232-23-5435 is a valid SSN |
| 2 | 23-23-5435 | 23-23-5435 is an invalid SSN |
| 3 | 555-55-5555 | 555-55-5555 is a valid SSN |

# SCREEN SHOTS

Test 1

A blue background with white text

Description automatically generated

Test 2

A blue background with white text

Description automatically generated

Test 3

A blue background with white text

Description automatically generated