**Technical Design Document Template**

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**Date Created:** 10/7/2025

**Program Description:**

This program allows the user to type in a phone number, social security number and zip code to get an answer if the input is valid or invalid.

**Functions used in the Program (list in order as they are called):**

1. **Function Name:** validate\_phone\_number

**Description:** Creates a pattern where it tells if you’re stating a valid or invalid phone number

**Parameters:** re.compile

**Variables:** return bool

**Returns:** An answer on whether it’s valid or invalid

2. **Function Name:** validate\_ssn

**Description:** Creates a pattern where it tells if you’re stating a valid or invalid ssn

**Parameters:** re.compile

**Variables:** return bool

**Returns:** An answer on whether it’s valid or invalid

3. **Function Name:** validate\_zip\_code

**Description:** Creates a pattern where it tells if you’re stating a valid or invalid zip code

**Parameters:** re.compile

**Variables:** return bool

**Returns:** An answer on whether it’s valid or invalid

**Logical Steps:**

Validate\_phone\_number, Validate\_ssn, Validate\_zip\_code

**Link to your repository:** <https://github.com/SethRoes/COP2373>

**Output Screenshot: (make sure big enough so I can see)**

**A screenshot of a computer program

AI-generated content may be incorrect.**