PIN Requirements
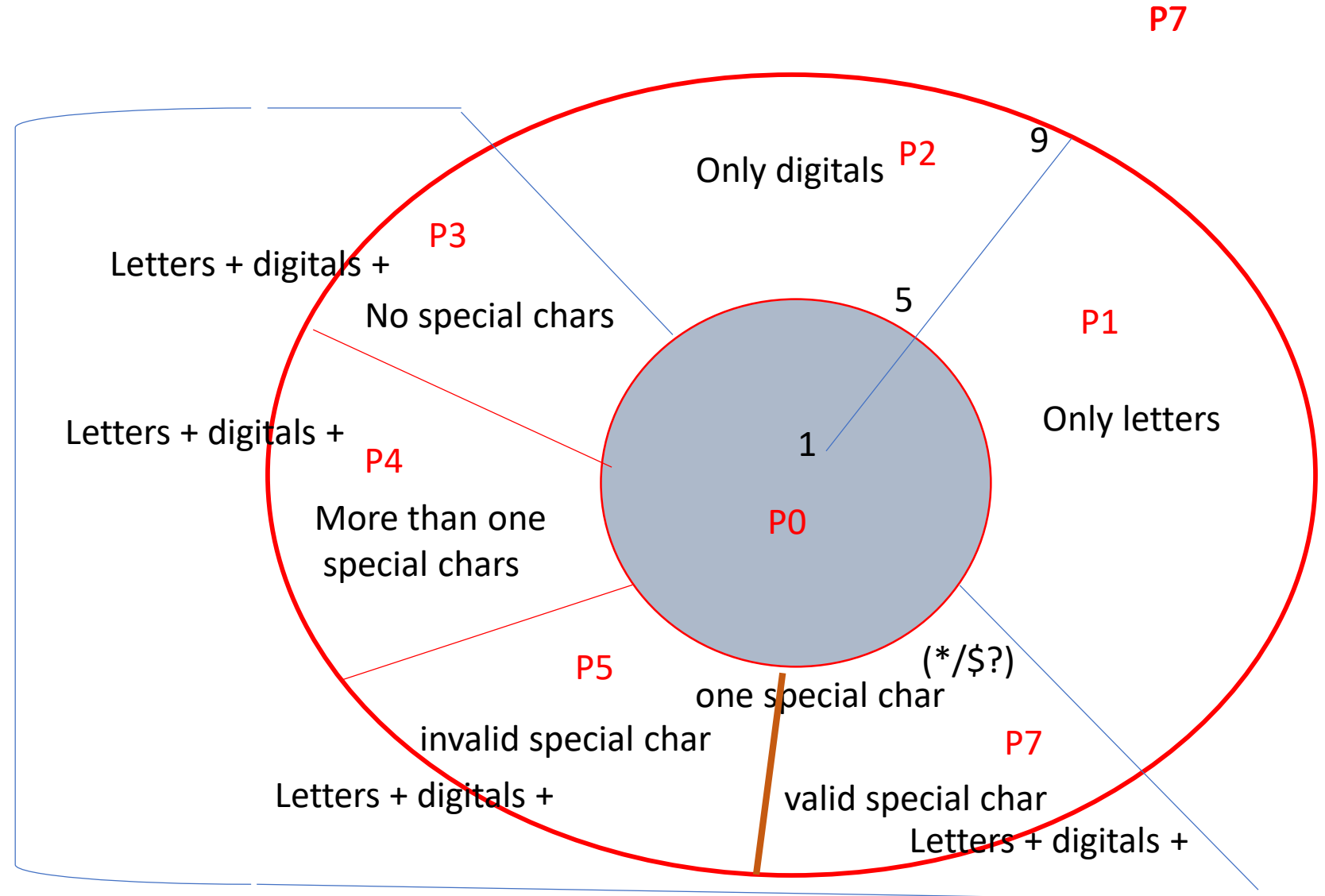
Pin's Length should be from 5 to 9.

One valid special char(*/$?)

up-case and Low-case are considered to be the same

PIN Must include both Letters and digitals.

Diagram-Based Approach

P7

Only digitals P2

9

P3

Letters + digitals +

No special chars

5

P1

Only letters

1

Letters + digitals +

P4

More than one special chars

P0

P5

(*/$?)

one special char

invalid special char

P7

Letters + digitals +

valid special char

Letters + digitals +

	Length						
Length	<5	5-9					>9
Letters & digitals	-	Only letters	letters + digitals +			only digitals	-
Special chars	-	-	No special chairs	One special char		More than one special chars	-	-
				Only one valid special char	One invalid special char			

Category Partition Testing

Command: Sort   Sort-Pattern Input-Data-File   Output-Data-File

Sort-Pattern: Increasing Order/Decreasing Order

Input Data File: Integer Data List

Output Data File: Sorted Data List

Parameter #1: Sort-Pattern
- Invalidate Pattern Value
- Increasing Order
- Decreasing Order
- Empty

Parameter #2: Input-Data-File

File Name:
    Existing/Correct File Name
    Not Found
    Not Entered

Access Environment:
    Can't Open
    Not Readable
    Can't Access

Parameter #2: Input-Data-File

Data File Content:
    Empty
    Invalidate Data Type
    Incorrect Format
    Correct Data Format and Type

Data Order in Data File:
    Random Order
    Increasing Order
    Decreasing Order

Category Partition Testing

Command: Sort   Sort-Pattern Input-Data-File   Output-Data-File

Sort-Pattern: Increasing Order/Decreasing Order

Input Data File: Integer Data List

Output Data File: Sorted Data List

Parameter #3: Output-Data-File   Parameter #3: Output-Data-File

File Name: Data Order in Data File:
     Existing/Correct File Name   Increasing Order
     Not Found   Decreasing Order
     Not Entered

Access Environment:
     Can't create/generate
     Not Readable
     Can't Access
     Generate/Access

Decision Table Testing

Command: Sort Sort-Pattern Input-Data-File   Output-Data-File

Sort-Pattern: Increasing Order/Decreasing Order

Input Data File: Integer Data List

Output Data File: Sorted Data List

Conditions:

Sort-Pattern – Conditions
        - Existing (T/F)
        - Given Increasing Order?(T/F)
        - Given Decreasing Order? (T/F)

Input Data File - conditions
        - Existing (T/F)
        - Accessible? (T/F)
        - Readable?(T/F)
        - Openable?(T/F)

        Content: - conditions
        - Empty? (T/F)
        - Increasing Order(T/F)
        - Decreasing Order(T/F)
        - Random Order(T/F)

Actions:???