```
from typing import List, Set
from difflib import get_close_matches
# QWERTY Braille to character mapping (sample subset)
BRAILLE MAP = {
  frozenset(['D']): 'A',
  frozenset(['D', 'W']): 'B',
  frozenset(['D', 'K']): 'C',
  frozenset(['D', 'Q']): 'E',
  frozenset(['D', 'K', 'W']): 'G',
  frozenset(['W', 'Q']): 'I',
  frozenset(['W', 'Q', 'K']): 'J',
  frozenset(['D', 'W', 'K']): 'F',
  frozenset(['D', 'W', 'P']): 'H',
  # ... add more mappings as needed
}
# Sample dictionary
DICTIONARY = ['cat', 'cab', 'bat', 'rat', 'chat', 'mat', 'cart']
def braille_input_to_text(input_sequence: List[Set[str]]) -> str:
  decoded = "
  for braille_char in input_sequence:
     char = BRAILLE_MAP.get(frozenset(braille_char))
     if char:
        decoded += char.lower()
     else:
        decoded += '?'
  return decoded
# Simple Levenshtein Distance implementation
def levenshtein_distance(a: str, b: str) -> int:
  m, n = len(a), len(b)
  dp = [[0] * (n+1) for _ in range(m+1)]
  for i in range(m+1):
     dp[i][0] = i
  for j in range(n+1):
     dp[0][j] = j
  for i in range(1, m+1):
     for j in range(1, n+1):
       cost = 0 if a[i-1] == b[j-1] else 1
        dp[i][j] = min(dp[i-1][j] + 1,
                                       # deletion
                                   # insertion
                  dp[i][j-1] + 1,
                  dp[i-1][j-1] + cost) # substitution
  return dp[m][n]
```

```
# Get suggestions using Levenshtein distance
def suggest_corrections(decoded: str, dictionary: List[str], max_suggestions=3) -> List[str]:
  scored words = [(word, levenshtein distance(decoded, word)) for word in dictionary]
  scored_words.sort(key=lambda x: x[1])
  return [word for word, in scored words[:max suggestions]]
# Full system integration
def autocorrect braille input(input sequence: List[Set[str]]):
  print("Raw Input Sequence:", input_sequence)
  decoded = braille_input_to_text(input_sequence)
  print("Decoded Word:", decoded)
  suggestions = suggest_corrections(decoded, DICTIONARY)
  print("Suggestions:", suggestions)
  return suggestions
# ---- Sample Test -----
if __name__ == "__main_ ":
  # Simulated user Braille input: 'C', 'A', 'B'
  sample_input = [{'D', 'K'}, {'D'}, {'D', 'W'}]
```

autocorrect_braille_input(sample_input)