# Criteria Analysis

## Engineer 1

Pairwise Comparison Matrix:  
[[1. 3. 3. 3. 3. 3. 3. ]  
 [0.333 1. 3. 5. 5. 5. 5. ]  
 [0.333 0.333 1. 5. 1. 1. 1. ]  
 [0.333 0.2 0.2 1. 1. 5. 5. ]  
 [0.333 0.2 1. 1. 1. 5. 5. ]  
 [0.333 0.2 1. 0.2 0.2 1. 5. ]  
 [0.333 0.2 1. 0.2 0.2 0.2 1. ]]

Weights:  
[0.278, 0.27, 0.12, 0.106, 0.117, 0.067, 0.042]

Max Eigenvalue: 8.805

Consistency Index (CI): 0.301

Consistency Ratio (CR): 0.228

Random Index (RI): 1.32

## Engineer 2

Pairwise Comparison Matrix:  
[[1. 1. 1. 3. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 3. 3. ]  
 [1. 1. 1. 3. 1. 3. 1. ]  
 [0.333 1. 0.333 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 3. ]  
 [1. 0.333 0.333 1. 1. 1. 3. ]  
 [1. 0.333 1. 1. 0.333 0.333 1. ]]

Weights:  
[0.157, 0.186, 0.189, 0.101, 0.155, 0.122, 0.09]

Max Eigenvalue: 7.643

Consistency Index (CI): 0.107

Consistency Ratio (CR): 0.081

Random Index (RI): 1.32

## Engineer 3

Pairwise Comparison Matrix:  
[[1. 3. 1. 3. 5. 3. 1. ]  
 [0.333 1. 7. 7. 5. 1. 5. ]  
 [1. 0.143 1. 3. 5. 1. 3. ]  
 [0.333 0.143 0.333 1. 1. 3. 9. ]  
 [0.2 0.2 0.2 1. 1. 3. 1. ]  
 [0.333 1. 1. 0.333 0.333 1. 3. ]  
 [1. 0.2 0.333 0.111 1. 0.333 1. ]]

Weights:  
[0.238, 0.3, 0.141, 0.114, 0.066, 0.087, 0.053]

Max Eigenvalue: 9.517

Consistency Index (CI): 0.42

Consistency Ratio (CR): 0.318

Random Index (RI): 1.32

## Engineer 4

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 5

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 5. ]  
 [1. 1. 1. 1. 1. 1. 5. ]  
 [1. 1. 1. 1. 1. 3. 3. ]  
 [1. 1. 1. 1. 1. 3. 3. ]  
 [1. 1. 1. 1. 1. 3. 3. ]  
 [1. 1. 0.333 0.333 0.333 1. 3. ]  
 [0.2 0.2 0.333 0.333 0.333 0.333 1. ]]

Weights:  
[0.162, 0.162, 0.177, 0.177, 0.177, 0.101, 0.044]

Max Eigenvalue: 7.273

Consistency Index (CI): 0.045

Consistency Ratio (CR): 0.034

Random Index (RI): 1.32

## Engineer 6

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 7

Pairwise Comparison Matrix:  
[[1. 1. 1. 9. 1. 5. 3. ]  
 [1. 1. 1. 3. 5. 1. 5. ]  
 [1. 1. 1. 5. 5. 1. 7. ]  
 [0.111 0.333 0.2 1. 1. 3. 5. ]  
 [1. 0.2 0.2 1. 1. 3. 1. ]  
 [0.2 1. 1. 0.333 0.333 1. 3. ]  
 [0.333 0.2 0.143 0.2 1. 0.333 1. ]]

Weights:  
[0.252, 0.201, 0.232, 0.092, 0.096, 0.088, 0.04]

Max Eigenvalue: 8.597

Consistency Index (CI): 0.266

Consistency Ratio (CR): 0.202

Random Index (RI): 1.32

## Engineer 8

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 9

Pairwise Comparison Matrix:  
[[1. 5. 3. 3. 3. 1. 3. ]  
 [0.2 1. 3. 3. 1. 3. 3. ]  
 [0.333 0.333 1. 3. 1. 3. 3. ]  
 [0.333 0.333 0.333 1. 5. 1. 3. ]  
 [0.333 1. 1. 0.2 1. 3. 1. ]  
 [1. 0.333 0.333 1. 0.333 1. 1. ]  
 [0.333 0.333 0.333 0.333 1. 1. 1. ]]

Weights:  
[0.303, 0.185, 0.142, 0.128, 0.101, 0.084, 0.058]

Max Eigenvalue: 8.561

Consistency Index (CI): 0.26

Consistency Ratio (CR): 0.197

Random Index (RI): 1.32

## Engineer 10

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 11

Pairwise Comparison Matrix:  
[[1. 5. 3. 3. 3. 5. 1. ]  
 [0.2 1. 5. 1. 3. 7. 5. ]  
 [0.333 0.2 1. 5. 5. 3. 5. ]  
 [0.333 1. 0.2 1. 5. 3. 1. ]  
 [0.333 0.333 0.2 0.2 1. 1. 3. ]  
 [0.2 0.143 0.333 0.333 1. 1. 3. ]  
 [1. 0.2 0.2 1. 0.333 0.333 1. ]]

Weights:  
[0.306, 0.233, 0.177, 0.108, 0.059, 0.053, 0.065]

Max Eigenvalue: 9.26

Consistency Index (CI): 0.377

Consistency Ratio (CR): 0.285

Random Index (RI): 1.32

## Engineer 12

Pairwise Comparison Matrix:  
[[1. 0.111 0.143 5. 5. 7. 7. ]  
 [9.001 1. 1. 5. 5. 1. 7. ]  
 [6.998 1. 1. 9. 7. 3. 5. ]  
 [0.2 0.2 0.111 1. 1. 0.143 0.2 ]  
 [0.2 0.2 0.143 1. 1. 1. 0.143]  
 [0.143 1. 0.333 6.998 1. 1. 5. ]  
 [0.143 0.143 0.2 5. 6.998 0.2 1. ]]

Weights:  
[0.174, 0.309, 0.299, 0.022, 0.032, 0.106, 0.057]

Max Eigenvalue: 9.545

Consistency Index (CI): 0.424

Consistency Ratio (CR): 0.321

Random Index (RI): 1.32

## Engineer 13

Pairwise Comparison Matrix:  
[[1. 9. 5. 3. 7. 9. 7. ]  
 [0.111 1. 5. 3. 5. 7. 5. ]  
 [0.2 0.2 1. 3. 0.333 0.333 9. ]  
 [0.333 0.333 0.333 1. 9. 9. 9. ]  
 [0.143 0.2 3. 0.111 1. 9. 9. ]  
 [0.111 0.143 3. 0.111 0.111 1. 9. ]  
 [0.143 0.2 0.111 0.111 0.111 0.111 1. ]]

Weights:  
[0.397, 0.191, 0.083, 0.17, 0.096, 0.049, 0.014]

Max Eigenvalue: 10.732

Consistency Index (CI): 0.622

Consistency Ratio (CR): 0.471

Random Index (RI): 1.32

## Engineer 14

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 5. 1. 0.333]  
 [1. 1. 1. 7. 1. 5. 1. ]  
 [1. 1. 1. 1. 3. 3. 1. ]  
 [1. 0.143 1. 1. 1. 1. 7. ]  
 [0.2 1. 0.333 1. 1. 1. 3. ]  
 [1. 0.2 0.333 1. 1. 1. 1. ]  
 [3. 1. 1. 0.143 0.333 1. 1. ]]

Weights:  
[0.146, 0.244, 0.148, 0.16, 0.109, 0.076, 0.116]

Max Eigenvalue: 9.294

Consistency Index (CI): 0.382

Consistency Ratio (CR): 0.29

Random Index (RI): 1.32

## Engineer 15

Pairwise Comparison Matrix:  
[[1. 3. 1. 1. 3. 3. 3. ]  
 [0.333 1. 3. 1. 1. 1. 1. ]  
 [1. 0.333 1. 3. 3. 3. 3. ]  
 [1. 1. 0.333 1. 3. 3. 3. ]  
 [0.333 1. 0.333 0.333 1. 3. 3. ]  
 [0.333 1. 0.333 0.333 0.333 1. 3. ]  
 [0.333 1. 0.333 0.333 0.333 0.333 1. ]]

Weights:  
[0.221, 0.156, 0.211, 0.166, 0.108, 0.079, 0.059]

Max Eigenvalue: 8.147

Consistency Index (CI): 0.191

Consistency Ratio (CR): 0.145

Random Index (RI): 1.32

## Engineer 16

Pairwise Comparison Matrix:  
[[1. 1. 1. 0.143 1. 0.143 7. ]  
 [1. 1. 1. 1. 0.2 0.143 0.143]  
 [1. 1. 1. 5. 1. 1. 1. ]  
 [6.998 1. 0.2 1. 5. 5. 0.111]  
 [1. 5. 1. 0.2 1. 1. 1. ]  
 [6.998 6.998 1. 0.2 1. 1. 1. ]  
 [0.143 6.998 1. 9.001 1. 1. 1. ]]

Weights:  
[0.155, 0.048, 0.141, 0.201, 0.08, 0.16, 0.215]

Max Eigenvalue: 12.834

Consistency Index (CI): 0.972

Consistency Ratio (CR): 0.737

Random Index (RI): 1.32

## Engineer 17

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 18

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 19

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 20

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 5. 1. 1. ]  
 [1. 1. 1. 0.2 1. 5. 1. ]  
 [1. 1. 1. 1. 0.2 1. 5. ]  
 [1. 1. 1. 1. 1. 0.2 1. ]]

Weights:  
[0.12, 0.12, 0.12, 0.204, 0.175, 0.154, 0.105]

Max Eigenvalue: 8.311

Consistency Index (CI): 0.219

Consistency Ratio (CR): 0.166

Random Index (RI): 1.32

## Engineer 21

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1. ]  
 [1. 1. 3. 3. 1. 3. 5. ]  
 [1. 0.333 1. 1. 3. 1. 3. ]  
 [1. 0.333 1. 1. 3. 5. 1. ]  
 [1. 1. 0.333 0.333 1. 1. 3. ]  
 [1. 0.333 1. 0.2 1. 1. 3. ]  
 [1. 0.2 0.333 1. 0.333 0.333 1. ]]

Weights:  
[0.124, 0.265, 0.147, 0.181, 0.114, 0.101, 0.068]

Max Eigenvalue: 8.052

Consistency Index (CI): 0.175

Consistency Ratio (CR): 0.133

Random Index (RI): 1.32

## Engineer 22

Pairwise Comparison Matrix:  
[[1. 5. 7. 7. 9. 1. 7. ]  
 [0.2 1. 0.333 0.111 0.143 9. 9. ]  
 [0.143 3. 1. 0.111 0.111 1. 9. ]  
 [0.143 9.001 9.001 1. 1. 9. 9. ]  
 [0.111 6.998 9.001 1. 1. 1. 9. ]  
 [1. 0.111 1. 0.111 1. 1. 9. ]  
 [0.143 0.111 0.111 0.111 0.111 0.111 1. ]]

Weights:  
[0.39, 0.09, 0.054, 0.225, 0.155, 0.073, 0.012]

Max Eigenvalue: 11.131

Consistency Index (CI): 0.688

Consistency Ratio (CR): 0.522

Random Index (RI): 1.32

## Engineer 23

Pairwise Comparison Matrix:  
[[1. 1. 3. 3. 5. 5. 5. ]  
 [1. 1. 5. 5. 5. 5. 3. ]  
 [0.333 0.2 1. 5. 5. 3. 5. ]  
 [0.333 0.2 0.2 1. 5. 3. 7. ]  
 [0.2 0.2 0.2 0.2 1. 7. 5. ]  
 [0.2 0.2 0.333 0.333 0.143 1. 7. ]  
 [0.2 0.333 0.2 0.143 0.2 0.143 1. ]]

Weights:  
[0.245, 0.303, 0.176, 0.116, 0.082, 0.051, 0.028]

Max Eigenvalue: 9.094

Consistency Index (CI): 0.349

Consistency Ratio (CR): 0.264

Random Index (RI): 1.32

## Engineer 24

Pairwise Comparison Matrix:  
[[1. 1. 3. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 3. 3. 3. ]  
 [0.333 1. 1. 3. 3. 3. 1. ]  
 [1. 1. 0.333 1. 1. 1. 1. ]  
 [1. 0.333 0.333 1. 1. 1. 1. ]  
 [1. 0.333 0.333 1. 1. 1. 1. ]  
 [1. 0.333 1. 1. 1. 1. 1. ]]

Weights:  
[0.181, 0.209, 0.194, 0.113, 0.095, 0.095, 0.112]

Max Eigenvalue: 7.675

Consistency Index (CI): 0.112

Consistency Ratio (CR): 0.085

Random Index (RI): 1.32

## Engineer 25

Pairwise Comparison Matrix:  
[[1. 3. 3. 3. 3. 1. 1. ]  
 [0.333 1. 3. 1. 3. 1. 1. ]  
 [0.333 0.333 1. 1. 1. 1. 1. ]  
 [0.333 1. 1. 1. 1. 1. 1. ]  
 [0.333 0.333 1. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]]

Weights:  
[0.261, 0.164, 0.097, 0.111, 0.097, 0.135, 0.135]

Max Eigenvalue: 7.409

Consistency Index (CI): 0.068

Consistency Ratio (CR): 0.052

Random Index (RI): 1.32

## Engineer 26

Pairwise Comparison Matrix:  
[[1. 5. 3. 5. 3. 5. 3. ]  
 [0.2 1. 5. 3. 5. 5. 5. ]  
 [0.333 0.2 1. 5. 3. 3. 3. ]  
 [0.2 0.333 0.2 1. 3. 3. 5. ]  
 [0.333 0.2 0.333 0.333 1. 5. 5. ]  
 [0.2 0.2 0.333 0.333 0.2 1. 5. ]  
 [0.333 0.2 0.333 0.2 0.2 0.2 1. ]]

Weights:  
[0.349, 0.244, 0.146, 0.095, 0.084, 0.049, 0.033]

Max Eigenvalue: 8.82

Consistency Index (CI): 0.303

Consistency Ratio (CR): 0.23

Random Index (RI): 1.32

## Engineer 27

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 3. ]  
 [1. 1. 3. 3. 3. 3. 1. ]  
 [1. 0.333 1. 1. 1. 1. 1. ]  
 [1. 0.333 1. 1. 1. 1. 1. ]  
 [1. 0.333 1. 1. 1. 1. 1. ]  
 [1. 0.333 1. 1. 1. 1. 1. ]  
 [0.333 1. 1. 1. 1. 1. 1. ]]

Weights:  
[0.169, 0.259, 0.113, 0.113, 0.113, 0.113, 0.121]

Max Eigenvalue: 7.34

Consistency Index (CI): 0.057

Consistency Ratio (CR): 0.043

Random Index (RI): 1.32

## Engineer 28

Pairwise Comparison Matrix:  
[[1. 1. 1. 3. 3. 1. 3. ]  
 [1. 1. 1. 1. 3. 1. 3. ]  
 [1. 1. 1. 3. 3. 1. 3. ]  
 [0.333 1. 0.333 1. 1. 0.333 3. ]  
 [0.333 0.333 0.333 1. 1. 0.333 3. ]  
 [1. 1. 1. 3. 3. 1. 3. ]  
 [0.333 0.333 0.333 0.333 0.333 0.333 1. ]]

Weights:  
[0.2, 0.173, 0.2, 0.096, 0.08, 0.2, 0.05]

Max Eigenvalue: 7.279

Consistency Index (CI): 0.046

Consistency Ratio (CR): 0.035

Random Index (RI): 1.32

## Engineer 29

Pairwise Comparison Matrix:  
[[1. 3. 3. 3. 3. 3. 3. ]  
 [0.333 1. 3. 3. 3. 3. 3. ]  
 [0.333 0.333 1. 3. 1. 3. 3. ]  
 [0.333 0.333 0.333 1. 3. 1. 3. ]  
 [0.333 0.333 1. 0.333 1. 1. 3. ]  
 [0.333 0.333 0.333 1. 1. 1. 3. ]  
 [0.333 0.333 0.333 0.333 0.333 0.333 1. ]]

Weights:  
[0.309, 0.224, 0.145, 0.106, 0.087, 0.083, 0.047]

Max Eigenvalue: 7.723

Consistency Index (CI): 0.12

Consistency Ratio (CR): 0.091

Random Index (RI): 1.32

## Engineer 30

Pairwise Comparison Matrix:  
[[1. 1. 1. 3. 3. 1. 3. ]  
 [1. 1. 1. 3. 3. 1. 3. ]  
 [1. 1. 1. 3. 1. 1. 3. ]  
 [0.333 0.333 0.333 1. 1. 3. 1. ]  
 [0.333 0.333 1. 1. 1. 1. 3. ]  
 [1. 1. 1. 0.333 1. 1. 3. ]  
 [0.333 0.333 0.333 1. 0.333 0.333 1. ]]

Weights:  
[0.203, 0.203, 0.175, 0.115, 0.11, 0.135, 0.058]

Max Eigenvalue: 7.694

Consistency Index (CI): 0.116

Consistency Ratio (CR): 0.088

Random Index (RI): 1.32

## Engineer 31

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 32

Pairwise Comparison Matrix:  
[[1. 0.111 0.143 1. 0.2 0.111 0.2 ]  
 [9.001 1. 0.143 0.111 0.111 0.2 0.143]  
 [6.998 6.998 1. 0.111 0.111 0.2 0.143]  
 [1. 9.001 9.001 1. 0.143 0.2 0.2 ]  
 [5. 9.001 9.001 6.998 1. 0.111 0.111]  
 [9.001 5. 5. 5. 9.001 1. 0.111]  
 [5. 6.998 6.998 5. 9.001 9.001 1. ]]

Weights:  
[0.023, 0.033, 0.05, 0.087, 0.147, 0.23, 0.43]

Max Eigenvalue: 11.513

Consistency Index (CI): 0.752

Consistency Ratio (CR): 0.57

Random Index (RI): 1.32

## Engineer 33

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 34

Pairwise Comparison Matrix:  
[[1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]  
 [1. 1. 1. 1. 1. 1. 1.]]

Weights:  
[0.143, 0.143, 0.143, 0.143, 0.143, 0.143, 0.143]

Max Eigenvalue: 7.0

Consistency Index (CI): 0.0

Consistency Ratio (CR): 0.0

Random Index (RI): 1.32

## Engineer 35

Pairwise Comparison Matrix:  
[[1. 1. 3. 3. 3. 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]  
 [0.333 1. 1. 1. 3. 1. 1. ]  
 [0.333 1. 1. 1. 3. 1. 1. ]  
 [0.333 1. 0.333 0.333 1. 7. 1. ]  
 [1. 1. 1. 1. 0.143 1. 1. ]  
 [1. 1. 1. 1. 1. 1. 1. ]]

Weights:  
[0.224, 0.12, 0.139, 0.139, 0.155, 0.104, 0.12]

Max Eigenvalue: 8.342

Consistency Index (CI): 0.224

Consistency Ratio (CR): 0.17

Random Index (RI): 1.32

## Aggregate Results

Aggregate Pairwise Comparison Matrix:  
[[1. 1.13 1.201 1.357 1.277 1.063 1.396]  
 [0.885 1. 1.201 1.201 1.442 1.277 1.484]  
 [0.833 0.833 1. 1.357 1.13 1.277 1.277]  
 [0.737 0.833 0.737 1. 1.063 1.063 1.201]  
 [0.783 0.693 0.885 0.941 1. 1. 1.357]  
 [0.941 0.783 0.783 0.941 1. 1. 1.357]  
 [0.716 0.674 0.783 0.833 0.737 0.737 1. ]]

Aggregate Weights:  
[0.169, 0.169, 0.153, 0.132, 0.132, 0.135, 0.11]

Aggregate Max Eigenvalue: 7.025

Aggregate Consistency Index (CI): 0.004

Aggregate Consistency Ratio (CR): 0.003

Aggregate Random Index (RI): 1.32