|  |  |  |  |
| --- | --- | --- | --- |
| Kode Kriteria (Ci) | Nama Kriteria | Bobot | Atribut |
| C1 | Pemberkasan | 25 | Benefit |
| C2 | Psikotest | 30 | Benefit |
| C3 | Wawancara | 20 | Benefit |
| C4 | Kesehatan | 25 | Cost |

1. Rating Kecocokan Kriteria

Berdasarkan wawancara yang dilakukan. Dari kriteria diatas, maka dibuat suatu tingkatan kepentingan kriteria, atau rating kriteria kecocokan berdasarkan nilai bobot yang telah ditentukan.

**Tabel 3.1** Skala Rating Kecocokan

|  |  |
| --- | --- |
| **Keterangan** | **Nilai Bobot** |
| Sangat Baik | 100 |
| Baik | 75 |
| Cukup | 50 |
| Kurang Baik | 25 |

1. Kriteria Pemberkasan (C1)

Kriteria Pemberkasan di nilai berdasarkan kelengkapan berkas yang di *upload* calon pegawai terhadap persyaratan yang di tentukan oleh PT. XYZ.

**Tabel 3.2** Kriteria Pemberkasan (C1)

| **Pemberkasan** | **Keterangan** | **Nilai Bobot** |
| --- | --- | --- |
| 6 Lampiran | Sangat Baik | 100 |
| 5 Lampiran | Baik | 75 |
| 4 Lampiran | Cukup | 50 |
| 0 – 3 Lampiran | Kurang Baik | 25 |

1. Kriteria Psikotest (C2)

Kriteria Psikotest dinilai berdasarkan hasil test yang sudah di tentukan oleh PT. XYZ kepada calon pegawai pada saat pemanggilan tahap pertama.

**Tabel 3.3** Kriteria Psikotest (C2)

| **Psikotest** | **Keterangan** | **Nilai Bobot** |
| --- | --- | --- |
| > 95 | Sangat Baik | 100 |
| 90 - < 95 | Baik | 75 |
| 75 - < 90 | Cukup | 50 |
| < 75 | Kurang Baik | 25 |

1. Kriteria Wawancara (C3)

Kriteria Wawancara dinilai berdasarkan hasil test yang sudah di tentukan oleh PT. XYZ kepada calon pegawai pada saat pemanggilan tahap kedua.

**Tabel 3.4** Kriteria Wawancara (C3)

| **Wawancara** | **Keterangan** | **Nilai Bobot** |
| --- | --- | --- |
| > 95 | Sangat Baik | 100 |
| 90 - < 95 | Baik | 75 |
| 75 - < 90 | Cukup | 50 |
| < 75 | Kurang Baik | 25 |

1. Kriteria Kesehatan (C4)

Kriteria Kesehatan dinilai berdasarkan hasil test *Medical Check Up* yang di fasilitasi oleh PT. XYZ kepada calon pegawai pada saat pemanggilan tahap terakhir.

**Tabel 3.5** Kriteria Kesehatan (C4)

| **Kesehatan** | **Keterangan** | **Nilai Bobot** |
| --- | --- | --- |
| 0 Penyakit | Sangat Baik | 100 |
| 1 Penyakit | Baik | 75 |
| 2 Penyakit | Cukup | 50 |
| >= 3 Penyakit | Kurang Baik | 25 |

1. Penerapan Metode Simple Additive Weighting (SAW)

Beberapa data calon pegawai sebagai sample, untuk penerapan Metode SAW dalam menentukan calon pegawai yang akan diterima kerja di PT. XYZ dari hasil perangkingan dalam perhitungan SAW.

**Tabel 3.6** Alternatif

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Alternatif | Kriteria | | | |
| Pemberkasan | Psikotest | Wawancara | Kesehatan |
| ABDUL GHOFUR | 6 Lampiran | 70 | 70 | 0 Penyakit |
| ABDUL GHANDI | 6 Lampiran | 70 | 70 | 0 Penyakit |
| AHMAD SOLIHIN | 6 Lampiran | 80 | 70 | 0 Penyakit |
| AJENG VIDIA LESTARI | 6 Lampiran | 80 | 60 | 0 Penyakit |
| Alternatif | Kriteria | | | |
| Pemberkasan | Psikotest | Wawancara | Kesehatan |
| ANISA WULANDARI | 6 Lampiran | 80 | 70 | 0 Penyakit |
| ATTA MANDELA | 6 Lampiran | 60 | 60 | 0 Penyakit |
| ARIF MAFRUDIN | 6 Lampiran | 60 | 60 | 1 Penyakit |
| ANANDA SAILLA | 6 Lampiran | 90 | 80 | 2 Penyakit |
| AYU PUJI ASTUTI | 6 Lampiran | 90 | 80 | 0 Penyakit |
| BUDI SUSILO JATMOKO | 5 Lampiran | 90 | 80 | 0 Penyakit |
| BAMBANG SULAIMAN | 6 Lampiran | 70 | 80 | 0 Penyakit |
| BIMA NUGRAHA | 6 Lampiran | 70 | 80 | 0 Penyakit |
| BAIHAQI FADILLAH | 6 Lampiran | 70 | 70 | 0 Penyakit |
| BADRUS DHAMA | 6 Lampiran | 60 | 60 | 0 Penyakit |
| CLARA AILAWATI | 6 Lampiran | 80 | 80 | 1 Penyakit |
| CITRA LESTARI | 6 Lampiran | 80 | 70 | 0 Penyakit |
| CHAERUL ALFIAN | 6 Lampiran | 60 | 60 | 0 Penyakit |
| DITA MONIKA. R | 6 Lampiran | 60 | 50 | 1 Penyakit |
| DEDI MULYADI SETIAWAN | 6 Lampiran | 70 | 50 | 1 Penyakit |
| DANANG RATMUNDO | 5 Lampiran | 70 | 50 | 0 Penyakit |
| DIKI RIZALDI FAUZAN | 6 Lampiran | 70 | 70 | 0 Penyakit |
| Alternatif | Kriteria | | | |
| Pemberkasan | Psikotest | Wawancara | Kesehatan |
| RAISAH MELATI | 6 Lampiran | 70 | 70 | 0 Penyakit |
| DIAH SYABILA RAMADHAN | 6 Lampiran | 80 | 70 | 0 Penyakit |
| TAHER MAHENDRA | 6 Lampiran | 70 | 60 | 0 Penyakit |
| RINI WULANDARI | 6 Lampiran | 90 | 80 | 2 Penyakit |
| RIKA RAHMAWATI | 6 Lampiran | 80 | 80 | 0 Penyakit |
| HELIANI HARIANI | 6 Lampiran | 80 | 80 | 1 Penyakit |
| ARDHY NOVISKA | 6 Lampiran | 60 | 80 | 0 Penyakit |
| SULHAN KURNIAWAN | 6 Lampiran | 60 | 80 | 0 Penyakit |
| LAZUARDI IMAM | 5 Lampiran | 60 | 70 | 1 Penyakit |
| RISKI SETIAWAN | 6 Lampiran | 50 | 70 | 0 Penyakit |
| M. ROBY SUGARA | 6 Lampiran | 70 | 90 | 0 Penyakit |
| ISTI SOLIHATUN | 6 Lampiran | 80 | 90 | 0 Penyakit |
| UMAR ALFARUK | 6 Lampiran | 50 | 70 | 0 Penyakit |
| SAKTIAWAN WIJIANTO | 6 Lampiran | 90 | 70 | 0 Penyakit |
| RAHMAT HIDAYAT | 6 Lampiran | 60 | 90 | 0 Penyakit |
| TAUFIK HIDAYATULAH | 6 Lampiran | 60 | 90 | 0 Penyakit |
| APIT APIASYAH | 6 Lampiran | 80 | 80 | 0 Penyakit |
| Alternatif | Kriteria | | | |
| Pemberkasan | Psikotest | Wawancara | Kesehatan |
| DEWA ZALNANDO | 6 Lampiran | 98 | 100 | 0 Penyakit |
| RAHMA AZZAHRA | 5 Lampiran | 70 | 80 | 0 Penyakit |
| MARISA ISTIANI | 6 Lampiran | 70 | 60 | 0 Penyakit |
| FADLAN RAMADHAN | 6 Lampiran | 60 | 60 | 1 Penyakit |
| AMAURA WULANDARI | 6 Lampiran | 70 | 70 | 0 Penyakit |
| CONAN EDOGAWA | 6 Lampiran | 90 | 90 | 0 Penyakit |
| ADAN SAPUTRA | 6 Lampiran | 80 | 50 | 0 Penyakit |
| IWAN KURNIAWAN | 6 Lampiran | 80 | 80 | 0 Penyakit |
| M. ALDI SAPUTRA | 6 Lampiran | 50 | 90 | 1 Penyakit |
| DADANG SUTARMAN | 6 Lampiran | 80 | 50 | 0 Penyakit |
| DEBIT NUGRAHA | 6 Lampiran | 80 | 95 | 1 Penyakit |
| HAYUN MAULANA | 5 Lampiran | 80 | 95 | 1 Penyakit |

**Tabel 3.7** Rating Kecocokan Kriteria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ALTERNATIF | KRITERIA | | | |
| C1 | C2 | C3 | C4 |
| A1 | 100 | 25 | 25 | 25 |
| A2 | 100 | 25 | 25 | 25 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ALTERNATIF | KRITERIA | | | |
| C1 | C2 | C3 | C4 |
| A3 | 100 | 50 | 25 | 25 |
| A4 | 100 | 50 | 25 | 25 |
| A5 | 100 | 50 | 25 | 25 |
| A6 | 100 | 25 | 25 | 25 |
| A7 | 100 | 25 | 25 | 50 |
| A8 | 100 | 75 | 50 | 75 |
| A9 | 100 | 75 | 50 | 25 |
| A10 | 75 | 75 | 50 | 25 |
| A11 | 100 | 25 | 50 | 25 |
| A12 | 100 | 25 | 50 | 25 |
| A13 | 100 | 25 | 25 | 25 |
| A14 | 100 | 25 | 25 | 25 |
| A15 | 100 | 50 | 50 | 50 |
| A16 | 100 | 50 | 25 | 25 |
| A17 | 100 | 25 | 25 | 25 |
| A18 | 100 | 25 | 25 | 50 |
| A19 | 100 | 25 | 25 | 50 |
| A20 | 75 | 25 | 25 | 25 |
| A21 | 100 | 25 | 25 | 25 |
| A22 | 100 | 25 | 25 | 25 |
| A23 | 100 | 50 | 25 | 25 |
| A24 | 100 | 25 | 25 | 25 |
| A25 | 100 | 75 | 50 | 75 |
| A26 | 100 | 50 | 50 | 25 |
| A27 | 100 | 50 | 50 | 50 |
| A28 | 100 | 25 | 50 | 25 |
| A29 | 100 | 25 | 50 | 25 |
| ALTERNATIF | KRITERIA | | | |
| C1 | C2 | C3 | C4 |
| A30 | 75 | 25 | 25 | 50 |
| A31 | 100 | 25 | 25 | 25 |
| A32 | 100 | 25 | 75 | 25 |
| A33 | 100 | 50 | 75 | 25 |
| A34 | 100 | 25 | 25 | 25 |
| A35 | 100 | 75 | 25 | 25 |
| A36 | 100 | 25 | 75 | 25 |
| A37 | 100 | 25 | 75 | 25 |
| A38 | 100 | 50 | 50 | 25 |
| A39 | 100 | 100 | 100 | 25 |
| A40 | 75 | 25 | 50 | 25 |
| A41 | 100 | 25 | 25 | 25 |
| A42 | 100 | 25 | 25 | 50 |
| A43 | 100 | 25 | 25 | 25 |
| A44 | 100 | 75 | 75 | 25 |
| A45 | 100 | 50 | 25 | 25 |
| A46 | 100 | 50 | 50 | 25 |
| A47 | 100 | 25 | 75 | 50 |
| A48 | 100 | 50 | 25 | 25 |
| A49 | 100 | 50 | 75 | 50 |
| A50 | 75 | 50 | 75 | 50 |

Penjelanasan tabel:

C1 : Pemberkasan

C2 : Psikotest

C3 : Wawncara

C4 : Kesehatan

Matrix X didapat dari pengkonversian nilai – nilai asli pada tabel 3.7 Ke dalam nilai rating kecocokan kriteria. mengacu pada tabel rating kecocokan kriteria diatas maka di dapat keputusan X sebagai berikut:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 50 |  |
|  | 100 | 75 | 50 | 75 |  |
|  | 100 | 75 | 50 | 25 |  |
|  | 75 | 75 | 50 | 25 |  |
|  | 100 | 25 | 50 | 25 |  |
|  | 100 | 25 | 50 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 50 | 50 | 50 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 50 |  |
|  | 100 | 25 | 25 | 50 |  |
|  | 75 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
| X = | 100 | 75 | 50 | 75 |  |
|  | 100 | 50 | 50 | 25 |  |
|  | 100 | 50 | 50 | 50 |  |
|  | 100 | 25 | 50 | 25 |  |
|  | 100 | 25 | 50 | 25 |  |
|  | 75 | 25 | 25 | 50 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 75 | 25 |  |
|  | 100 | 50 | 75 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 75 | 25 | 25 |  |
|  | 100 | 25 | 75 | 25 |  |
|  | 100 | 25 | 75 | 25 |  |
|  | 100 | 50 | 50 | 25 |  |
|  | 100 | 100 | 100 | 25 |  |
|  | 75 | 25 | 50 | 25 |  |
|  | 100 | 25 | 25 | 25 |  |
|  | 100 | 25 | 25 | 50 |  |
| X = | 100 | 25 | 25 | 25 |  |
|  | 100 | 75 | 75 | 25 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 50 | 50 | 25 |  |
|  | 100 | 25 | 75 | 50 |  |
|  | 100 | 50 | 25 | 25 |  |
|  | 100 | 50 | 75 | 50 |  |
|  | 75 | 50 | 75 | 50 |  |

1. Matrik Keputusan Ternormalisasi (R)

Langkah selanjutnya melakukan normalisasi matriks keputusan X dengan cara menghitung nilai rating kinerja ternormalisasi (Rij) dari alternatif (Ai) pada kriteria (Cj). Berikut ini merupakan perhitungan normalisasi matriks (Rij):

Alternatif 1:

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 0,75

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 0,75

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 0,75

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 0,75

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 1

= = 0,75

Alternatif 2:

= = 0,25

= = 0,25

= = 0,5

= = 0,5

= = 0,5

= = 0,25

= = 0,25

= = 0,75

= = 0,75

= = 0,75

= = 0,25

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= = 0,25

= = 0,25

= = 0,5

= = 0,25

= = 0,75

= = 0,5

= = 0,5

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= = 0,25

= = 0,25

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= = 0,25

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= = 0,5

= = 1

= = 0,25

= = 0,25

= = 0,25

= = 0,25

= = 0,75

= = 0,5

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= = 0,5

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Alternatif 3:

= = 0,25

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= = 0,75

= = 0,5

= = 1

= = 0,5

= = 0,25

= = 0,25

= = 0,25

= = 0,75

= = 0,25

= = 0,5

= = 0,75

= = 0,25

= = 0,75

= = 0,75

Alternatif 4:

= = 0,25

= = 0,25

= = 0,25

= = 0,25

= = 0,25

= = 0,25

= = 0,5

= = 0,75

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= = 0,25

= = 0,75

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= = 0,25

= = 0,5

= = 0,5

Setelah perhitungan normalisasi matrik X selesai, maka selanjutnya di bentuk matriks ternomalisasi (R) sebagai berikut:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 0,5 |
|  | 1 | 0,75 | 0,5 | 0,333333 |
| R = | 1 | 0,75 | 0,5 | 1 |
|  | 0,75 | 0,75 | 0,5 | 1 |
|  | 1 | 0,25 | 0,5 | 1 |
|  | 1 | 0,25 | 0,5 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,5 | 0,5 | 0,5 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 0,5 |
|  | 1 | 0,25 | 0,25 | 0,5 |
|  | 0,75 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,75 | 0,5 | 0,333333 |
|  | 1 | 0,5 | 0,5 | 1 |
|  | 1 | 0,5 | 0,5 | 0,5 |
|  | 1 | 0,25 | 0,5 | 1 |
|  | 1 | 0,25 | 0,5 | 1 |
|  | 0,75 | 0,25 | 0,25 | 0,5 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,75 | 1 |
|  | 1 | 0,5 | 0,75 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,75 | 0,25 | 1 |
|  | 1 | 0,25 | 0,75 | 1 |
|  | 1 | 0,25 | 0,75 | 1 |
|  | 1 | 0,5 | 0,5 | 1 |
|  | 1 | 1 | 1 | 1 |
| R = | 0,75 | 0,25 | 0,5 | 1 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,25 | 0,25 | 0,5 |
|  | 1 | 0,25 | 0,25 | 1 |
|  | 1 | 0,75 | 0,75 | 1 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,5 | 0,5 | 1 |
|  | 1 | 0,25 | 0,75 | 0,5 |
|  | 1 | 0,5 | 0,25 | 1 |
|  | 1 | 0,5 | 0,75 | 0,5 |
|  | 0,75 | 0,5 | 0,75 | 0,5 |

1. Menghitung Nilai Preferensi

Langkah terakhir adalah menentukan nilai preferensi. Nilai V diperoleh dengan cara menjumlahkan hasil perkalian matriks ternomalisasi (R) dengan nilai bobot (W) = [25; 30; 20; 25]. Hasil yang diperoleh adalah sebagai berikut;

V1 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V2 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V3 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V4 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V5 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V6 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V7 = (1) (25) + (0.25) (30) + (0.25) (20) + (0.5) (25)

= 50

V8 = (1) (25) + (0.75) (30) + (0.5) (20) + (0.333333) (25)

= 65.83

V9 = (1) (25) + (0.75) (30) + (0.5) (20) + (1) (25)

= 82.5

V10 = (0.75) (25) + (0.75) (30) + (0.5) (20) + (1) (25)

= 76.25

V11 = (1) (25) + (0.25) (30) + (0.5) (20) + (1) (25)

= 67.5

V12 = (1) (25) + (0.25) (30) + (0.5) (20) + (1) (25)

= 67.5

V13 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V14 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V15 = (1) (25) + (0.5) (30) + (0.5) (20) + (0.5) (25)

= 62.5

V16 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V17 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V18 = (1) (25) + (0.25) (30) + (0.25) (20) + (0.5) (25)

= 50

V19 = (1) (25) + (0.25) (30) + (0.25) (20) + (0.5) (25)

= 50

V20 = (0.75) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 56.25

V21 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V22 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V23 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V24 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V25 = (1) (25) + (0.75) (30) + (0.5) (20) + (0.333333) (25)

= 65.83

V26 = (1) (25) + (0.5) (30) + (0.5) (20) + (1) (25)

= 75

V27 = (1) (25) + (0.5) (30) + (0.5) (20) + (0.5) (25)

= 62.5

V28 = (1) (25) + (0.25) (30) + (0.5) (20) + (1) (25)

= 67.5

V29 = (1) (25) + (0.25) (30) + (0.5) (20) + (1) (25)

= 67.5

V30 = (0.75) (25) + (0.25) (30) + (0.25) (20) + (0.5) (25)

= 43.75

V31 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V32 = (1) (25) + (0.25) (30) + (0.75) (20) + (1) (25)

= 72.5

V33 = (1) (25) + (0.5) (30) + (0.75) (20) + (1) (25)

= 80

V34 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V35 = (1) (25) + (0.75) (30) + (0.25) (20) + (1) (25)

= 77.5

V36 = (1) (25) + (0.25) (30) + (0.75) (20) + (1) (25)

= 72.5

V37 = (1) (25) + (0.25) (30) + (0.75) (20) + (1) (25)

= 72.5

V38 = (1) (25) + (0.5) (30) + (0.5) (20) + (1) (25)

= 75

V39 = (1) (25) + (1) (30) + (1) (20) + (1) (25)

= 100

V40 = (0.75) (25) + (0.25) (30) + (0.5) (20) + (1) (25)

= 61.25

V41 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V42 = (1) (25) + (0.25) (30) + (0.25) (20) + (0.5) (25)

= 50

V43 = (1) (25) + (0.25) (30) + (0.25) (20) + (1) (25)

= 62.5

V44 = (1) (25) + (0.75) (30) + (0.75) (20) + (1) (25)

= 87.5

V45 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V46 = (1) (25) + (0.5) (30) + (0.5) (20) + (1) (25)

= 75

V47 = (1) (25) + (0.25) (30) + (0.75) (20) + (0.5) (25)

= 60

V48 = (1) (25) + (0.5) (30) + (0.25) (20) + (1) (25)

= 70

V49 = (1) (25) + (0.5) (30) + (0.75) (20) + (0.5) (25)

= 67.5

V50 = (0.75) (25) + (0.5) (30) + (0.75) (20) + (0.5) (25)

= 61.25

**Tabel 3.8** Hasil Perhitungan Vi

|  |  |  |
| --- | --- | --- |
| **NO** | **Alternatif** | **Hasil Perhitungan** |
| 1 | **V1** | 62,5 |
| 2 | **V2** | 62,5 |
| 3 | **V3** | 70 |
| 4 | **V4** | 70 |
| 5 | **V5** | 70 |
| 6 | **V6** | 62,5 |
| 7 | **V7** | 50 |
| 8 | **V8** | 65,833 |
| 9 | **V9** | 82,5 |
| 10 | **V10** | 76,25 |
| 11 | **V11** | 67,5 |
| 12 | **V12** | 67,5 |
| 13 | **V13** | 62,5 |
| 14 | **V14** | 62,5 |
| 15 | **V15** | 62,5 |
| 16 | **V16** | 70 |
| 17 | **V17** | 62,5 |
| 18 | **V18** | 50 |
| **NO** | **Alternatif** | **Hasil Perhitungan** |
| 19 | **V19** | 50 |
| 20 | **V20** | 56,25 |
| 21 | **V21** | 62,5 |
| 22 | **V22** | 62,5 |
| 23 | **V23** | 70 |
| 24 | **V24** | 62,5 |
| 25 | **V25** | 65,833 |
| 26 | **V26** | 75 |
| 27 | **V27** | 62,5 |
| 28 | **V28** | 67,5 |
| 29 | **V29** | 67,5 |
| 30 | **V30** | 43,75 |
| 31 | **V31** | 62,5 |
| 32 | **V32** | 72,5 |
| 33 | **V33** | 80 |
| 34 | **V34** | 62,5 |
| 35 | **V35** | 77,5 |
| 36 | **V36** | 72,5 |
| 37 | **V37** | 72,5 |
| 38 | **V38** | 75 |
| 39 | **V39** | 100 |
| **NO** | **Alternatif** | **Hasil Perhitungan** |
| 40 | **V40** | 61,25 |
| 41 | **V41** | 62,5 |
| 42 | **V42** | 50 |
| 43 | **V43** | 62,5 |
| 44 | **V44** | 87,5 |
| 45 | **V45** | 70 |
| 46 | **V46** | 75 |
| 47 | **V47** | 60 |
| 48 | **V48** | 70 |
| 49 | **V49** | 67,5 |
| 50 | **V50** | 61,25 |

Hasil dari perhitungan diatas penulisan dapat menyimpulkan hasil dengan perangkingan nilai Vi dari nilai ternormalisasi (R) dengan nilai bobot (W), sehingga di dapat alternatif terbaik untuk penerimaan calon pegawai baru di PT. XYZ.

**Tabel 3.9** Perangkingan

|  |  |
| --- | --- |
| **Alternatif** | **Perangkingan** |
| V39 DEWA ZALNANDO | Ranking 1 |
| V44 CONAN EDOGAWA | Ranking 2 |
| V9 AYU PUJI ASTUTI | Ranking 3 |
| V33 ISTI SOLIHATUN | Ranking 4 |
| V35 SAKTIAWAN WIJIANTO | Ranking 5 |
| V10 BUDI SUSILO JATMOKO | Ranking 6 |
| V26 RIKA RAHMAWATI | Ranking 7 |
| V38 APIT APIASYAH | Ranking 8 |
| V46 IWAN KURNIAWAN | Ranking 9 |
| **Alternatif** | **Perangkingan** |
| V32 M. ROBY SUGARA | Ranking 10 |
| V36 RAHMAT HIDAYAT | Ranking 11 |
| V37 TAUFIK HIDAYATULAH | Ranking 12 |
| V3 AHMAD SOLIHIN | Ranking 13 |
| V4 AJENG VIDIA LESTARI | Ranking 14 |
| V5 ANISA WULANDARI | Ranking 15 |
| V16 CITRA LESTARI | Ranking 16 |
| V23 DIAH SYABILA RAMADHAN | Ranking 17 |
| V45 ADAN SAPUTRA | Ranking 18 |
| V48 DADANG SUTARMAN | Ranking 19 |
| V11 BAMBANG SULAIMAN | Ranking 20 |
| V12 BIMA NUGRAHA | Ranking 21 |
| V28 ARDHY NOVISKA | Ranking 22 |
| V29 SULHAN KURNIAWAN | Ranking 23 |
| V40 RAHMA AZZAHRA | Ranking 24 |
| V49 DEBIT NUGRAHA | Ranking 25 |
| V8 ANANDA SAILLA | Ranking 26 |
| V25 RINI WULANDARI | Ranking 27 |
| V1 ABDUL GHOFUR | Ranking 28 |
| V2 ABDUL GHANDI | Ranking 29 |
| V6 ATTA MANDELA | Ranking 30 |
| V13 BAIHAQI FADILLAH | Ranking 31 |
| V14 BADRUS DHAMA | Ranking 32 |
| V15 CLARA AILAWATI | Ranking 33 |
| V17 CHAERUL ALFIAN | Ranking 34 |
| V21 DIKI RIZALDI FAUZAN | Ranking 35 |
| V22 RAISAH MELATI | Ranking 36 |
| V24 TAHER MAHENDRA | Ranking 37 |
| V27 HELIANI HARIANI | Ranking 38 |
| V31 RISKI SETIAWAN | Ranking 39 |
| V34 UMAR ALFARUK | Ranking 40 |
| V41 MARISA ISTIANI | Ranking 41 |
| V43 AMAURA WULANDARI | Ranking 42 |
| V50 HAYUN MAULANA | Ranking 43 |
| V47 M. ALDI SAPUTRA | Ranking 44 |
| V20 DANANG RATMUNDO | Ranking 45 |
| **Alternatif** | **Perangkingan** |
| V7 ARIF MAFRUDIN | Ranking 46 |
| V18 DITA MONIKA. R | Ranking 47 |
| V19 DEDI MULYADI SETIAWAN | Ranking 48 |
| V42 FADLAN RAMADHAN | Ranking 49 |
| V30 LAZUARDI IMAM | Ranking 50 |