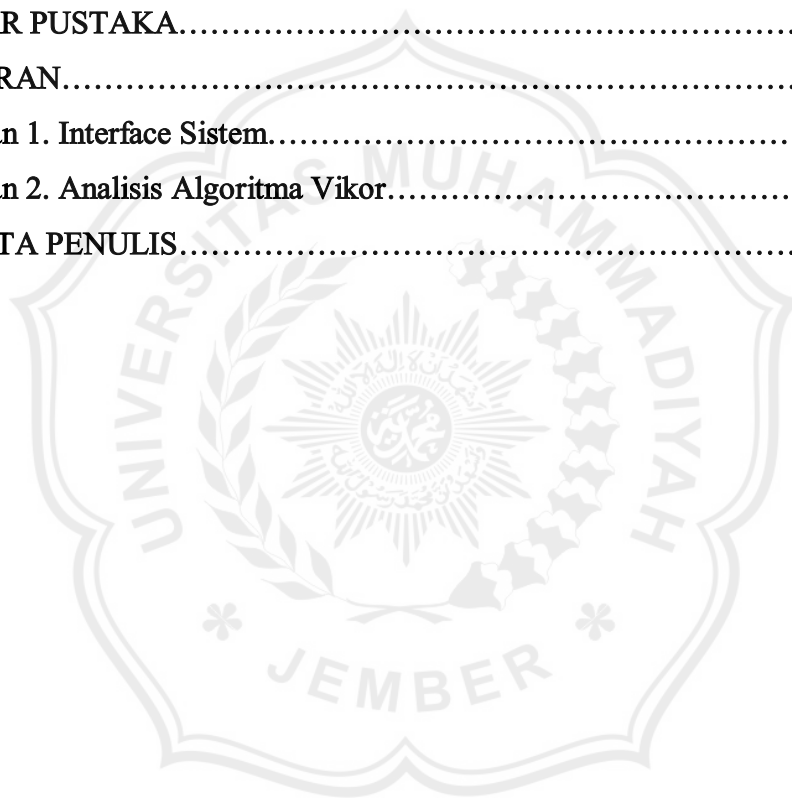


DAFTAR ISI

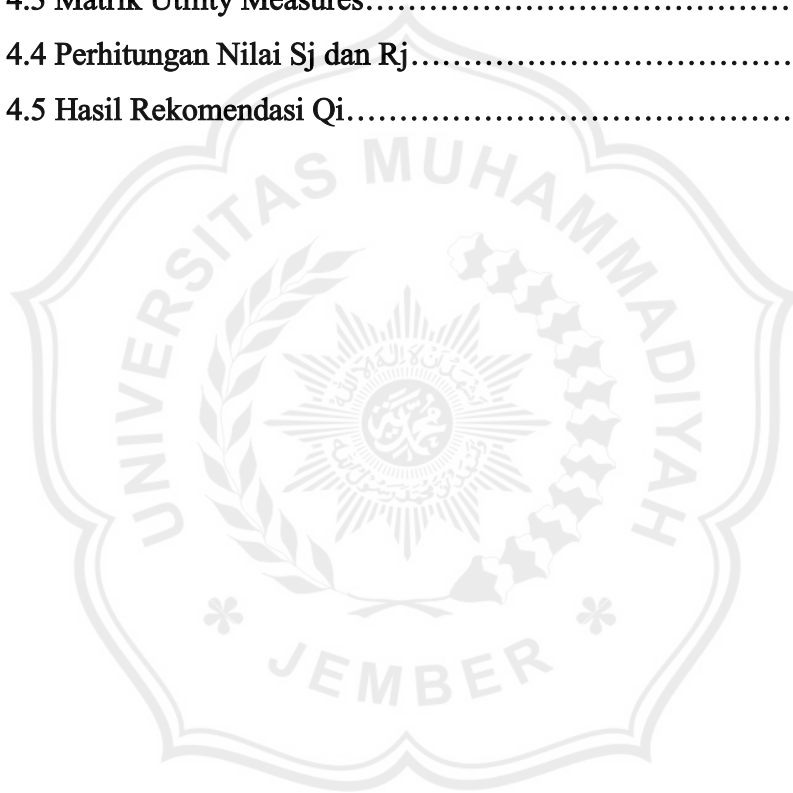
| | |
|-------------------------------------|------|
| HALAMAN PENGESAHAN..... | i |
| HALAMAN PERNYATAAN..... | ii |
| HALAMAN PERSEMBAHAN..... | iii |
| UNGKAPAN TERIMA KASIH..... | iv |
| KATA PENGANTAR..... | v |
| MOTTO..... | vi |
| ABSTRAK..... | vii |
| ABSTRACT..... | viii |
| DAFTAR ISI..... | ix |
| DAFTAR GAMBAR..... | xi |
| DAFTAR TABEL..... | xii |
| BAB I PENDAHULUAN..... | 1 |
| 1.1 Latar Belakang..... | 1 |
| 1.2 Rumusan Masalah..... | 2 |
| 1.3 Batasan Masalah..... | 2 |
| 1.4 Tujuan Penelitian..... | 2 |
| 1.5 Manfaat..... | 3 |
| BAB II TINJAUAN PUSTAKA..... | 4 |
| 2.1 Sistem Pendukung Keputusan..... | 4 |
| 2.2 Algoritma Vikor..... | 6 |
| 2.3 Penelitian Terdahulu..... | 8 |
| 2.4 Android..... | 8 |
| 2.5 Pengertian PHP..... | 9 |
| 2.6 Webview..... | 9 |
| 2.7 MySQL..... | 10 |
| BAB III METODE PENELITIAN..... | 12 |
| 3.1 Tahapan Penelitian..... | 12 |
| 3.2 Metode Penelitian..... | 15 |

| | | |
|---|-----------------------------------|-----------|
| 3.3 | Implementasi Metode Vikor..... | 15 |
| BAB IV HASIL DAN PEMBAHASAN..... | | 20 |
| 4.1 | Implementasi..... | 20 |
| 4.2 | Analisis Algoritma Vikor..... | 20 |
| 4.3 | Pengujian Sistem..... | 26 |
| 4.4 | Pengujian Tingkat Kesesuaian..... | 26 |
| BAB V KESIMPULAN DAN SARAN..... | | 29 |
| 5.1 | Kesimpulan..... | 29 |
| 5.2 | Saran..... | 29 |
| DAFTAR PUSTAKA..... | | 30 |
| LAMPIRAN..... | | 31 |
| Lampiran 1. Interface Sistem..... | | 32 |
| Lampiran 2. Analisis Algoritma Vikor..... | | 37 |
| BIODATA PENULIS..... | | 71 |



DAFTAR GAMBAR

| | |
|---|----|
| Gambar 3.1 Tahapan Penelitian..... | 12 |
| Gambar 3.2 Use Case..... | 14 |
| Gambar 3.3 Squance Diagram Import Data Siswa..... | 14 |
| Gambar 3.4 Squance Diagram Rekomendasi Jurusan Siswa..... | 14 |
| Gambar 3.5 Squance Diagram Pengumuman Jurusan Siswa..... | 14 |
| Gambar 4.1 Dataset Siswa..... | 24 |
| Gambar 4.2 Normalisasi Matrik | 24 |
| Gambar 4.3 Matrik Utility Measures..... | 25 |
| Gambar 4.4 Perhitungan Nilai Sj dan Rj..... | 25 |
| Gambar 4.5 Hasil Rekomendasi Qi..... | 26 |



DAFTAR TABEL

| | |
|--|----|
| Tabel 3.1 Data Sample Alternative | 16 |
| Tabel 3.2 Normalisasi Alternative..... | 16 |
| Tabel 3.3 Hasil Si dan Ri | 18 |
| Tabel 3.4 Hasil Perengkingan Berdasarkan Nilai Qi | 19 |
| Tabel 4.1 Potongan Data Pendaftar | 20 |
| Tabel 4.2 Potongan Data Normalisasi Alternatif..... | 21 |
| Tabel 4.3 Potongan Data Hasil Awal Si dan Ri..... | 22 |
| Tabel 4.4 Potongan Lanjutan Si dan Ri..... | 22 |
| Tabel 4.5 Potongan Data Hasil Perengkingan Berdasarkan Nilai Qi..... | 23 |
| Tabel 4.6 Pengujian Blackbox | 26 |
| Tabel 4.7 Dataset | 28 |
| Tabel 4.8 Hasil Pengujian Dataset | 28 |