

DAFTAR ISI

LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN.....	Error! Bookmark not defined.
LEMBAR PERNYATAAN	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI.....	viii
DAFTAR GAMBAR.....	xiii
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1. Latar Belakang	Error! Bookmark not defined.
1.2. Rumusan Masalah	Error! Bookmark not defined.
1.3. Tujuan Penelitian.....	Error! Bookmark not defined.
1.4. Batasan Masalah.....	Error! Bookmark not defined.
1.5. Manfaat Penelitian	Error! Bookmark not defined.
1.6. Jadwal Penelitian.....	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1. Sistem.....	Error! Bookmark not defined.
2.2. Sistem Pendukung Keputusan	Error! Bookmark not defined.
2.3. Prestasi	Error! Bookmark not defined.
2.4. AHP (<i>Analytical Hierarchy Process</i>).....	Error! Bookmark not defined.
2.5. MySQL	Error! Bookmark not defined.
2.6. PHP (<i>Hypertext Preprocessor</i>)	Error! Bookmark not defined.
2.7. <i>System Development Life Cycle (SDLC)</i>	Error! Bookmark not defined.
2.8. Flowmap.....	Error! Bookmark not defined.
2.9. UML (<i>Unified Modeling Language</i>).....	Error! Bookmark not defined.
2.10. Literatur Review	Error! Bookmark not defined.
BAB III METODE PENELITIAN	Error! Bookmark not defined.
3.1. Objek Penelitian	Error! Bookmark not defined.

3.2	Prosedur Penelitian	Error! Bookmark not defined.
3.2.1	Perencanaan	Error! Bookmark not defined.
3.2.2	Identifikasi Masalah	Error! Bookmark not defined.
3.2.3	Menghitung Sample Data.....	Error! Bookmark not defined.
3.2.4	Tahapan AHP (<i>Analytical Hierarchy Process</i>)	Error! Bookmark not defined.
3.2.5	Perancangan	Error! Bookmark not defined.
3.2.6	Implementasi	Error! Bookmark not defined.
BAB IV HASIL DAN PEMBAHASAN.....		Error! Bookmark not defined.
4.1	Analisis Sistem	Error! Bookmark not defined.
4.1.1	Sistem yang sedang berjalan	Error! Bookmark not defined.
4.1.2	Analisis Permasalahan	Error! Bookmark not defined.
4.1.3	Sistem yang akan diusulkan	Error! Bookmark not defined.
4.2	Analisis Kebutuhan Kriteria	Error! Bookmark not defined.
4.3	Membuat Struktur Hierarki.....	Error! Bookmark not defined.
4.4	Skala Banding Secara Berpasangan.....	Error! Bookmark not defined.
4.5	Matriks Perbandingan Pasangan.....	Error! Bookmark not defined.
4.6	Nilai Eigen	Error! Bookmark not defined.
4.7	Penghitungan Indeks Konsistensi ..	Error! Bookmark not defined.
4.7.1	Penghitungan Kriteria.....	Error! Bookmark not defined.
4.7.2	Sampel Nilai pada Siswa Kelas 9A - 9K.....	Error! Bookmark not defined.
4.7.3	Penghitungan Kriteria terhadap Alternatif	Error! Bookmark not defined.
4.8	Perancangan Sistem	Error! Bookmark not defined.
4.8.1	<i>Usecase Diagram</i>	Error! Bookmark not defined.
4.8.2	<i>Activity Diagram</i>	Error! Bookmark not defined.
4.8.3	<i>Sequence Diagram</i>	Error! Bookmark not defined.
4.8.4	<i>Class Diagram</i>	Error! Bookmark not defined.
4.8.5	Rancangan Aplikasi.....	Error! Bookmark not defined.
4.9	Hasil Pengkodean Sistem	Error! Bookmark not defined.
4.10	Pengujian Sistem.....	Error! Bookmark not defined.

4.10.1 Pengujian White Box.....	Error! Bookmark not defined.
4.10.2 Pengujian Black Box.....	Error! Bookmark not defined.
BAB V_KESIMPULAN DAN SARAN	Error! Bookmark not defined.
5.1 Kesimpulan.....	Error! Bookmark not defined.
5.2 Saran	Error! Bookmark not defined.

DAFTAR PUSTAKA

LAMPIRAN

RIYAWAT PENULIS



DAFTAR TABEL

Tabel 1. 1 Tabel Penelitian.....	Error! Bookmark not defined.
Tabel 2. 1 Skala Penelitian.....	Error! Bookmark not defined.
Tabel 2. 2 Skala Penilaian.....	Error! Bookmark not defined.
Tabel 2. 3 Deskripsi Usecase Diagram	Error! Bookmark not defined.
Tabel 2. 4 Deskripsi Activtiy Diagram	Error! Bookmark not defined.
Tabel 2. 5 Deskripsi Class Diagram.....	Error! Bookmark not defined.
Tabel 2. 6 Deskripsi Sequence Diagram	Error! Bookmark not defined.
Tabel 2.7 Literatur Review	Error! Bookmark not defined.
Tabel 4. 1 Tabel Mata Pelajaran	Error! Bookmark not defined.
Tabel 4. 2 Skala Banding Secara Berpasangan.....	Error! Bookmark not defined.
Tabel 4. 3 Matriks Perbandingan Pasangan.....	Error! Bookmark not defined.
Tabel 4. 4 Nilai Eigen	Error! Bookmark not defined.
Tabel 4. 5 Jumlah Akumulasi Nilai Eigen	Error! Bookmark not defined.
Tabel 4. 6 Nilai Rata Rata.....	Error! Bookmark not defined.
Tabel 4. 7 Nilai Konsisten Hierarki	Error! Bookmark not defined.
Tabel 4. 8 Sampel Data Nilai Siswa.....	Error! Bookmark not defined.
Tabel 4. 9 Bobot Nilai terhadap Alternatif.....	Error! Bookmark not defined.
Tabel 4. 10 Normalisasi Kriteria Nilai terhadap Alternatif..	Error! Bookmark not defined.
Tabel 4. 11 Bobot Absensi terhadap Alternatif.....	Error! Bookmark not defined.
Tabel 4. 12 Normalisasi Kriteria Absensi terhadap Alternatif	Error! Bookmark not defined.
Tabel 4. 13 Bobot Kedisiplinan terhadap Alternatif	Error! Bookmark not defined.
Tabel 4. 14 Normalisasi Kriteria Kedisiplinan terhadap Alternatif	Error! Bookmark not defined.

not defined.

Tabel 4. 15 Bobot Keaktifan terhadap Alternatif...**Error! Bookmark not defined.**

Tabel 4. 16 Normalisasi Kriteria Keaktifan terhadap Alternatif**Error! Bookmark not defined.**

Tabel 4. 17 Nilai Akhir**Error! Bookmark not defined.**

Tabel 4. 18 Nilai Akhir yang Di Rankingkan**Error! Bookmark not defined.**

Tabel 4. 19 Skenario Usecase Diagram Login Admin**Error! Bookmark not defined.**

Tabel 4. 20 Skenario Usecase Diagram Logout Admin..... **Error! Bookmark not defined.**

Tabel 4. 21 Skenario Usecase Diagram Admin Menambah Kriteria**Error! Bookmark not defined.**

Tabel 4. 22 Skenario Usecase Diagram Admin Mengubah Kriteria**Error! Bookmark not defined.**

Tabel 4. 23 Skenario Usecase Diagram Admin Menghapus Kriteria **Error! Bookmark not defined.**

Tabel 4. 24 Skenario Usecase Diagram Admin Menambah Alternatif..... **Error! Bookmark not defined.**

Tabel 4. 25 Skenario Usecase Diagram Admin Mengubah Alternatif..... **Error! Bookmark not defined.**

Tabel 4. 26 Skenario Usecase Diagram Admin Menghapus Alternatif..... **Error! Bookmark not defined.**

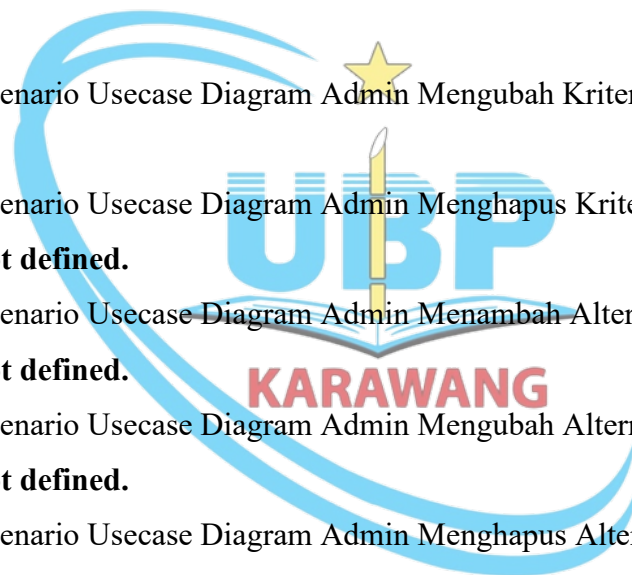
Tabel 4. 27 Skenario Usecase Diagram Admin Menambah Bobot**Error! Bookmark not defined.**

Tabel 4. 28 Skenario Usecase Diagram Admin Mengubah Bobot**Error! Bookmark not defined.**

Tabel 4. 29 Skenario Usecase Diagram Admin Melihat Hasil Akhir..... **Error! Bookmark not defined.**

Tabel 4. 30 Pengujian Whitebox Testing Halaman Login... **Error! Bookmark not defined.**

Tabel 4. 31 Pengujian Whitebox Testing Input Kriteria..... **Error! Bookmark not**



defined.

Tabel 4. 32 Pengujian Whitebox Testing Ubah Kriteria..... **Error! Bookmark not defined.**

Tabel 4. 33 Pengujian Whitebox Testing Hapus Kriteria **Error! Bookmark not defined.**

Tabel 4. 34 Pengujian Black Box Testing Halaman Login.. **Error! Bookmark not defined.**

Tabel 4. 35 Pengujian Black Box Testing Input Data Kriteria**Error! Bookmark not defined.**

Tabel 4. 36 Pengujian Black Box Testing Halaman Data Alternatif**Error! Bookmark not defined.**



DAFTAR GAMBAR

Gambar 2. 1 Struktur Hierarki**Error! Bookmark not defined.**

Gambar 3. 1 Lokasi Penelitian.....**Error! Bookmark not defined.**

Gambar 3. 2 Bagan Penelitian.....**Error! Bookmark not defined.**

Gambar 4. 1 Sistem yang sedang berjalan**Error! Bookmark not defined.**

Gambar 4. 2 Sistem yang akan diusulkan**Error! Bookmark not defined.**

Gambar 4. 3 Sistem yang sedang berjalan**Error! Bookmark not defined.**

Gambar 4. 4 Struktur Hierarki**Error! Bookmark not defined.**

Gambar 4. 5 Usecase Diagram Admin.....**Error! Bookmark not defined.**

Gambar 4. 6 Activity Diagram Login Admin**Error! Bookmark not defined.**

Gambar 4. 7 Activity Diagram Logout Admin**Error! Bookmark not defined.**

Gambar 4. 8 Activity Diagram Admin menambah kriteria.. **Error! Bookmark not defined.**

Gambar 4. 9 Activity Diagram Admin mengubah kriteria .. **Error! Bookmark not defined.**

Gambar 4. 10 Activity Diagram Admin menghapus kriteria**Error! Bookmark not defined.**

Gambar 4. 11 Activity Diagram Admin menambah alternatif**Error! Bookmark not defined.**

Gambar 4. 12 Activity Diagram Admin mengubah alternatif**Error! Bookmark not defined.**

Gambar 4. 13 Activity Diagram Admin menghapus alternatif**Error! Bookmark not defined.**

Gambar 4. 14 Activity Diagram Admin meambah bobot.... **Error! Bookmark not defined.**

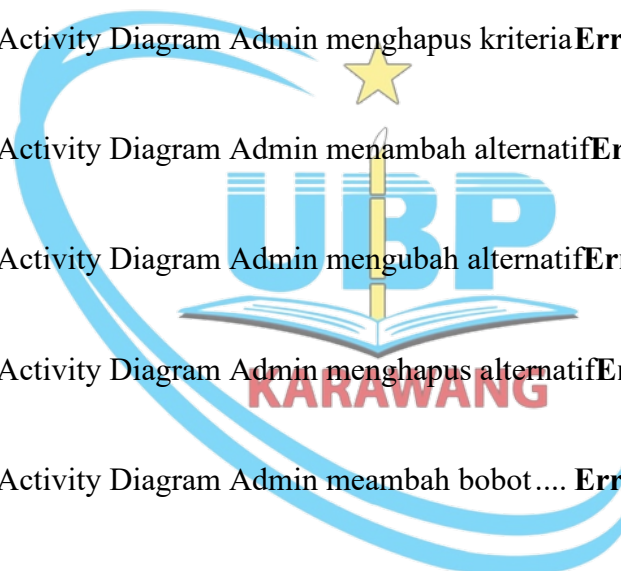
Gambar 4. 15 Activity Diagram Admin mengubah bobot... **Error! Bookmark not defined.**

Gambar 4. 16 Activity Diagram Admin melihat hasil akhir **Error! Bookmark not defined.**

Gambar 4. 17 Sequence Diagram Admin melakukan login dan logout..... **Error! Bookmark not defined.**

Gambar 4. 18 Sequence Diagram Admin input kriteria..... **Error! Bookmark not defined.**

Gambar 4. 19 Sequence Diagram Admin ubah kriteria **Error! Bookmark not defined.**



Gambar 4. 20 Sequence Diagram Admin hapus kriteria..... **Error! Bookmark not defined.**

Gambar 4. 21 Sequence Diagram Admin input alternatif.... **Error! Bookmark not defined.**

Gambar 4. 22 Sequence Diagram Admin ubah kriteria **Error! Bookmark not defined.**

Gambar 4. 23 Sequence Diagram Admin hapus alternatif... **Error! Bookmark not defined.**

Gambar 4. 24 Sequence Diagram Admin input bobot**Error! Bookmark not defined.**

Gambar 4. 25 Sequence Diagram Admin ubah bobot**Error! Bookmark not defined.**

Gambar 4. 26 Sequence Diagram Admin menampilkan Hasil Akhir..... **Error! Bookmark not defined.**

Gambar 4. 27 Class Diagram**Error! Bookmark not defined.**

Gambar 4. 28 Perancangan Tampilan Halaman Login**Error! Bookmark not defined.**

Gambar 4. 29 Perancangan Tampilan Halaman Utama..... **Error! Bookmark not defined.**

Gambar 4. 30 Perancangan Tampilan Halaman Input Kriteria**Error! Bookmark not defined.**

Gambar 4. 31 Perancangan Tampilan Halaman Input Kriteria**Error! Bookmark not defined.**

Gambar 4. 32 Perancangan Tampilan Input Alternatif**Error! Bookmark not defined.**

Gambar 4. 33 Perancangan Tampilan Perbandingan Kriteria**Error! Bookmark not defined.**

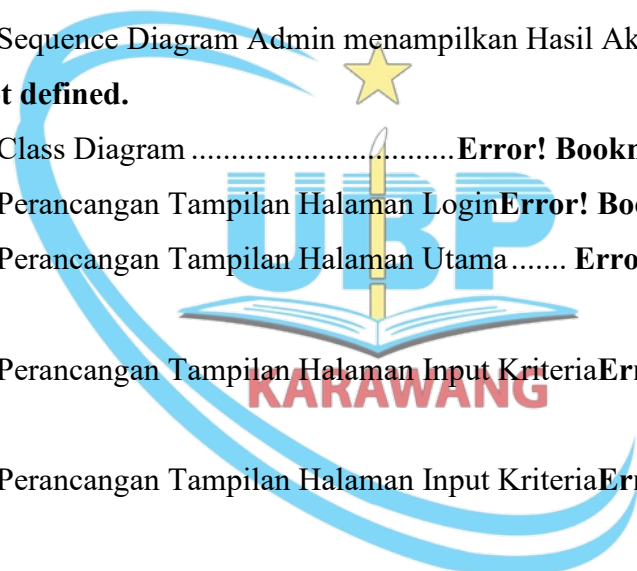
Gambar 4. 34 Perancangan Tampilan Perbandingan Alternatif bagian Nilai **Error! Bookmark not defined.**

Gambar 4. 35 Perancangan Tampilan Data Bobot dan Hasil Akhir**Error! Bookmark not defined.**

Gambar 4. 36 Tampilan Halaman Login.....**Error! Bookmark not defined.**

Gambar 4. 37 Tampilan Halaman Login.....**Error! Bookmark not defined.**

Gambar 4. 38 Tampilan Data Nilai Preferensi.....**Error! Bookmark not defined.**



Gambar 4. 39 Tampilan Data Nilai Kriteria.....**Error! Bookmark not defined.**

Gambar 4. 40 Tampilan Data Nilai Alternatif**Error! Bookmark not defined.**

Gambar 4. 41 Tampilan Data Perbandingan Kriteria**Error! Bookmark not defined.**

Gambar 4. 42 Tampilan Data Perbandingan Alternatif **Error! Bookmark not defined.**

Gambar 4. 43 Tampilan Data Hasil Akhir**Error! Bookmark not defined.**

Gambar 4. 44 Pengujian Whitebox Testing Login.**Error! Bookmark not defined.**

Gambar 4. 45 Pengujian Whitebox Testing Input Kriteria .. **Error! Bookmark not defined.**

Gambar 4. 46 Pengujian Whitebox Testing Edit Kriteria **Error! Bookmark not defined.**

Gambar 4. 47 Pengujian Whitebox Testing Hapus Kriteria **Error! Bookmark not defined.**

