

DAFTAR ISI

PERNYATAAN	Error! Bookmark not defined.
KATA PENGANTAR	Error! Bookmark not defined.
UCAPAN TERIMA KASIH	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
DAFTAR ISI	vii
DAFTAR TABEL	ix
DAFTAR GAMBAR	x
DAFTAR PERSAMAAN	xii
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. Batasan Masalah.....	Error! Bookmark not defined.
1.4. Tujuan Penelitian.....	Error! Bookmark not defined.
1.5. Sistematika Penulisan	Error! Bookmark not defined.
BAB II KAJIAN PUSTAKA	Error! Bookmark not defined.
2.1. Sistem Rekomendasi	Error! Bookmark not defined.
2.2. Collaborative filtering	Error! Bookmark not defined.
2.2.1. User-based Collaborative Filtering	Error! Bookmark not defined.
2.2.2. Item-based Collaborative Filtering	Error! Bookmark not defined.
2.3. Similarity Computation.....	Error! Bookmark not defined.
2.4. Prediction Computation	Error! Bookmark not defined.
2.5. Evaluasi Sistem Rekomendasi	Error! Bookmark not defined.

2.5.1. Mean Absolute Error (MAE)	Error! Bookmark not defined.
2.5.2. Root Mean Squared Error (RMSE)	Error! Bookmark not defined.
BAB III METODE PENELITIAN	Error! Bookmark not defined.
3.1. Desain Penelitian.....	Error! Bookmark not defined.
3.2. Alat dan Bahan Penelitian	Error! Bookmark not defined.
3.3. Metode Penelitian.....	Error! Bookmark not defined.
BAB IV HASIL PENELITIAN DAN PEMBAHASAN	Error! Bookmark not defined.
4.1. Rancangan Perangkat Lunak.....	Error! Bookmark not defined.
4.1.1. Analisis Data	Error! Bookmark not defined.
4.1.2. Matriks User-Item	Error! Bookmark not defined.
4.1.3. Perhitungan Kemiripan	Error! Bookmark not defined.
4.1.4. Perhitungan Prediksi Rating.....	Error! Bookmark not defined.
4.2. Hasil Penelitian	Error! Bookmark not defined.
4.2.1. Nilai Kemiripan User	Error! Bookmark not defined.
4.2.2. Prediksi Rating	Error! Bookmark not defined.
4.2.3. Implementasi Perangkat Lunak...	Error! Bookmark not defined.
4.3. Pengujian.....	Error! Bookmark not defined.
4.3.1. Hasil MAE dan RMSE.....	Error! Bookmark not defined.
4.3.2. Pengujian Cross Validation	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.....	Error! Bookmark not defined.
LAMPIRAN.....	Error! Bookmark not defined.
Lampiran 1. Source Code Perangkat Lunak.....	Error! Bookmark not defined.
Lampiran 2. Hasil Pengujian Prediksi Rating	Error! Bookmark not defined.

DAFTAR TABEL

Tabel 2.1 Rating User-Item	Error! Bookmark not defined.
Tabel 2.2 Perhitungan dengan MAE	Error! Bookmark not defined.
Tabel 2.3 Perhitungan dengan RMSE	Error! Bookmark not defined.
Tabel 4.1 Data Film.....	Error! Bookmark not defined.
Tabel 4.2 Data User.....	Error! Bookmark not defined.
Tabel 4.3 Data Rating.....	Error! Bookmark not defined.
Tabel 4.4 Contoh Matriks User-Item.....	Error! Bookmark not defined.
Tabel 4.5 Rating User 1 dan User 2	Error! Bookmark not defined.
Tabel 4.6 Perhitungan Prediksi	Error! Bookmark not defined.
Tabel 4.7 Nilai Kemiripan User terhadap UserID 1.....	Error! Bookmark not defined.
Tabel 4.8 Prediksi Rating untuk UserID 1	Error! Bookmark not defined.
Tabel 4.9 Perhitungan MAE untuk UserID 1	Error! Bookmark not defined.
Tabel 4.10 Perhitungan RMSE untuk UserID 1	Error! Bookmark not defined.
Tabel 4.11 Hasil Pengujian MAE dan RMSE berdasarkan Nilai Kemiripan.....	Error! Bookmark not defined.
Tabel 4.12 Hasil Pengujian Cross Validation	Error! Bookmark not defined.

DAFTAR GAMBAR

- Gambar 2.1 Rekomendasi oleh Amazon.com **Error! Bookmark not defined.**
- Gambar 2.2 Rekomendasi teman oleh Facebook.. **Error! Bookmark not defined.**
- Gambar 3.1. Desain Penelitian..... **Error! Bookmark not defined.**
- Gambar 3.2 Model Rekayasa Perangkat Lunak.... **Error! Bookmark not defined.**
- Gambar 4.1 Antarmuka Perhitungan Kemiripan... **Error! Bookmark not defined.**
- Gambar 4.2 Antarmuka Perhitungan Prediksi dan Rekomendasi **Error! Bookmark not defined.**
- Gambar 4.3 Antarmuka Perhitungan Evaluasi Rekomendasi **Error! Bookmark not defined.**
- Gambar 4.3 Diagram Hasil Pengujian MAE dan RMSE berdasarkan Nilai Kemiripan..... **Error! Bookmark not defined.**
- Gambar 4.4 Hasil Pengujian Cross Validation..... **Error! Bookmark not defined.**

DAFTAR PERSAMAAN

Persamaan 2.1 Pearson Correlation	Error! Bookmark not defined.
Persamaan 2.2 Weigted Sum.....	Error! Bookmark not defined.
Persamaan 2.3 Mean Absolute Error (MAE)	Error! Bookmark not defined.
Persamaan 2.4 Root Mean Squared Error (RMSE)	Error! Bookmark not defined.