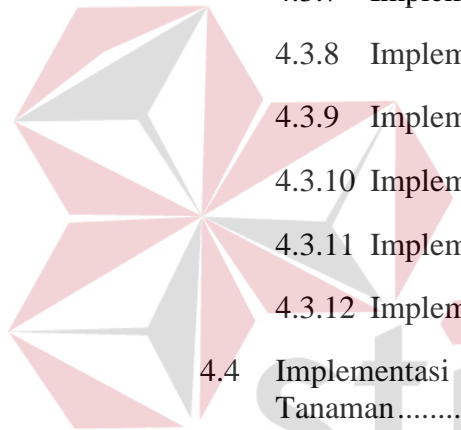


## DAFTAR ISI

	Halaman
ABSTRAK .....	<b>Error! Bookmark not defined</b>
KATA PENGANTAR .....	<b>Error! Bookmark not defined</b>
DAFTAR ISI .....	i
DAFTAR GAMBAR .....	iv
DAFTAR TABEL.....	x
DAFTAR LAMPIRAN.....	1
BAB I PENDAHULUAN.....	<b>Error! Bookmark not defined</b>
1.1 Latar Belakang Masalah.....	<b>Error! Bookmark not defined</b>
1.2 Perumusan Masalah .....	<b>Error! Bookmark not defined</b>
1.3 Batasan Masalah.....	<b>Error! Bookmark not defined</b>
1.4 Tujuan .....	<b>Error! Bookmark not defined</b>
1.5 Sistematika Penulisan .....	<b>Error! Bookmark not defined</b>
BAB II LANDASAN TEORI.....	<b>Error! Bookmark not defined</b>
2.1 Sistem Informasi Geografis.....	<b>Error! Bookmark not defined</b>
2.1.1 Model Data Sistem Informasi Geografis.....	<b>Error! Bookmark not defined</b>
2.1.2 Model Sistem Informasi Geografis .....	<b>Error! Bookmark not defined</b>
2.2 Digitasi .....	<b>Error! Bookmark not defined</b>
2.3 Pengolahan Citra .....	<b>Error! Bookmark not defined</b>
2.3.1 <i>Edge Detection</i> .....	<b>Error! Bookmark not defined</b>
2.3.2 <i>Color Selection</i> .....	<b>Error! Bookmark not defined</b>
2.4 Lahan.....	<b>Error! Bookmark not defined</b>
2.4.1 Penggunaan Lahan .....	<b>Error! Bookmark not defined</b>
2.4.2 Karakteristik Lahan .....	<b>Error! Bookmark not defined</b>
2.5 Hubungan Suhu Udara dengan Ketinggian.....	<b>Error! Bookmark not defined</b>
2.6 Sistem Koordinat Geografi .....	<b>Error! Bookmark not defined</b>

2.7	Peta Digital.....	<b>Error! Bookmark not de</b>
2.8	Sistem Basis Data.....	<b>Error! Bookmark not de</b>
2.9	<i>SQLite Database</i> .....	<b>Error! Bookmark not de</b>
2.10	Analisa dan Perancangan Sistem .....	<b>Error! Bookmark not de</b>
2.11	<i>Open Source Graphics Library</i> .....	<b>Error! Bookmark not de</b>
2.12	<i>Open Source Computer Vision Library</i> .....	<b>Error! Bookmark not de</b>
2.13	Sistem.....	<b>Error! Bookmark not de</b>
2.14	Interaksi Manusia Komputer.....	<b>Error! Bookmark not de</b>
2.15	<i>Testing</i> .....	<b>Error! Bookmark not de</b>
2.16	<i>C++</i> .....	<b>Error! Bookmark not de</b>
2.17	<i>Qt</i> .....	<b>Error! Bookmark not de</b>
2.18	<i>ESRI Shapefile</i> .....	<b>Error! Bookmark not de</b>
2.19	<i>Google Keyhole Markup Language</i> .....	<b>Error! Bookmark not de</b>
2.20	<i>Digital Terrain Elevation Data</i> .....	<b>Error! Bookmark not de</b>
<b>BAB III ANALISIS DAN PERANCANGAN SISTEM</b> .....		<b>Error! Bookmark not de</b>
3.1	Analisis Permasalahan .....	<b>Error! Bookmark not de</b>
3.2	Perancangan Sistem Informasi Geografis Penentuan Lokasi Lahan Potensial Tumbuhan.....	<b>Error! Bookmark not de</b>
3.2.1	Gambaran Umum Sistem .....	<b>Error! Bookmark not de</b>
3.2.2	Perancangan UML.....	<b>Error! Bookmark not de</b>
3.2.3	Struktur Tabel.....	<b>Error! Bookmark not de</b>
3.2.4	Desain <i>Input Output</i> .....	<b>Error! Bookmark not de</b>
3.2.5	Desain Uji Coba .....	<b>Error! Bookmark not de</b>
<b>BAB IV IMPLEMENTASI DAN EVALUASI</b> .....		<b>Error! Bookmark not de</b>
4.1	Kebutuhan Sistem .....	<b>Error! Bookmark not de</b>
4.1.1	Kebutuhan Perangkat Keras .....	<b>Error! Bookmark not de</b>
4.1.2	Kebutuhan Perangkat Lunak .....	<b>Error! Bookmark not de</b>
4.2	Pembuatan Program .....	<b>Error! Bookmark not de</b>

4.3	Implementasi Sistem .....	<b>Error! Bookmark not de</b>
4.3.1	Implementasi Metode Penggunaan <i>GoogleMaps</i> ..	<b>Error! Bookmark not de</b>
4.3.2	Implementasi Metode <i>Generate Terrain</i> Tiga Dimensi .....	<b>Error! Bookmark not de</b>
4.3.3	Implementasi Metode Perubahan Data <i>Raster</i> Menjadi Data <i>Vector</i> .....	<b>Error! Bookmark not de</b>
4.3.4	Implementasi Splash Screen.....	<b>Error! Bookmark not de</b>
4.3.5	Implementasi Buat <i>Project</i> Baru .....	<b>Error! Bookmark not de</b>
4.3.6	Implementasi Load <i>Project</i> .....	<b>Error! Bookmark not de</b>
4.3.7	Implementasi Export Google KML.....	<b>Error! Bookmark not de</b>
4.3.8	Implementasi Export Shapefile .....	<b>Error! Bookmark not de</b>
4.3.9	Implementasi <i>Form</i> Master Tanaman .....	<b>Error! Bookmark not de</b>
4.3.10	Implementasi <i>Form</i> Configuration.....	<b>Error! Bookmark not de</b>
4.3.11	Implementasi <i>Form</i> Checklist.....	<b>Error! Bookmark not de</b>
4.3.12	Implementasi <i>Form Report</i> .....	<b>Error! Bookmark not de</b>
4.4	Implementasi Pencarian Daerah Potensial Berdasarkan Tanaman.....	<b>Error! Bookmark not de</b>
4.5	Implementasi Master Data Kabupaten dan Kecamatan ...	<b>Error! Bookmark not de</b>
4.5.1	Implementasi Master Sector.....	<b>Error! Bookmark not de</b>
4.5.2	Implementasi Sector Tanaman .....	<b>Error! Bookmark not de</b>
4.5.3	Implementasi Geoprocessing Query .....	<b>Error! Bookmark not de</b>
4.5.4	Implementasi <i>Experimental Feature</i> .....	<b>Error! Bookmark not de</b>
4.6	Evaluasi Hasil Uji Coba Sistem .....	<b>Error! Bookmark not de</b>
BAB V PENUTUP.....		<b>Error! Bookmark not de</b>
5.1	Kesimpulan .....	<b>Error! Bookmark not de</b>
5.2	Saran.....	<b>Error! Bookmark not de</b>
DAFTAR PUSTAKA .....		<b>Error! Bookmark not de</b>
BIODATA PENULIS .....		<b>Error! Bookmark not de</b>



INSTITUT BISNIS  
& INFORMATIKA  
Stikom  
SURABAYA

## DAFTAR GAMBAR

	Halaman
Gambar 2.1 Struktur Komponen Pembentuk Sistem Informasi Geografis	<b>Error! Bookmark not defined.</b>
Gambar 2.2 Contoh Model Data Vektor	<b>Error! Bookmark not defined.</b>
Gambar 2.3 Contoh Model Data Raster	<b>Error! Bookmark not defined.</b>
Gambar 2.4 Gambar Sebelum Dilakukan Proses <i>Edge Detection</i>	<b>Error! Bookmark not defined.</b>
Gambar 2.5 Gambar Setelah Dilakukan Proses <i>Edge Detect</i>	<b>Error! Bookmark not defined.</b>
Gambar 2.6 Source Code Color Selection	<b>Error! Bookmark not defined.</b>
Gambar 3.1 Gambar Raster Curah Hujan	<b>Error! Bookmark not defined.</b>
Gambar 3.2 Keterangan dari gambar raster curah hujan	<b>Error! Bookmark not defined.</b>
Gambar 3.3 Gambar Raster Kelembaban	<b>Error! Bookmark not defined.</b>
Gambar 3.4 Keterangan Dari Gambar Raster Kelembaban	<b>Error! Bookmark not defined.</b>
Gambar 3.5 Proses Menggunakan SIG Pada Umumnya	<b>Error! Bookmark not defined.</b>
Gambar 3.6 Sistematis Kerja SIG Menggunakan <i>Image Processing</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.7 Gambaran Umum Sistem Informasi Geografis Penentuan Lahan Potensial Menggunakan <i>Image Processing</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.8 Ilustrasi Metode <i>Google Maps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.9 Format <i>Request GoogleMaps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.10 Contoh <i>Request GoogleMaps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.11 Hasil Contoh <i>Request GoogleMaps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.12 Blok <i>Matrix</i> Yang Disiapkan Untuk <i>GoogleMaps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.13 Hasil Akhir Metode <i>Import GoogleMaps Static API</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.14 Representasi <i>Raster</i> Dari <i>DTED File</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.15 Data Ketinggian Yang Disimpan <i>DTED File</i>	<b>Error! Bookmark not defined.</b>
Gambar 3.16 Ilustrasi <i>Plane</i> Dalam Bidang Tiga Dimensi	<b>Error! Bookmark not defined.</b>
Gambar 3.17 Ilustrasi Data Peta Ketinggian Yang Akan Dirubah	<b>Error! Bookmark not defined.</b>
Gambar 3.18 Ilustrasi <i>Plane</i> Dalam Bidang Tiga Dimensi	<b>Error! Bookmark not defined.</b>

Gambar 3.19 Ilustrasi *Plane* Yang Akan Dirubah Ketinggiannya..... **Error! Bookmark not de**

Gambar 3.20 Hasil Ilustrasi *Plane* Dalam Bidang Tiga Dimensi ..... **Error! Bookmark not de**

Gambar 3.21 Gambar *Layer* Yang Akan Dirubah ke *Vector*..... **Error! Bookmark not de**

Gambar 3.22 Hasil Gambar *Layer* Yang Telah Menjadi *Vector* ..... **Error! Bookmark not de**

Gambar 3.23 *Vector* Yang Telah Diproyeksikan Dengan Koordinat Geografis ..... **Error! Bookmark not de**

Gambar 3.24 Gambar Pertama Yang Akan Dilakukan Proses *Intersection* **Error! Bookmark not de**

Gambar 3.25 Gambar Kedua Yang Akan Dilakukan Proses *Intersection*.. **Error! Bookmark not de**

Gambar 3.26 Hasil Proses *Intersection*..... **Error! Bookmark not de**

Gambar 3.27 *Use Case Diagram* Sistem Informasi Geografis Penentuan Lahan Potensial Menggunakan *Image Processing*..... **Error! Bookmark not de**

Gambar 3.28 *Activity Diagram* *Generating Potensial AreaResult* ..... **Error! Bookmark not de**

Gambar 3.29 *Activity Diagram* *Binary Image Intersection* ..... **Error! Bookmark not de**

Gambar 3.30 *Activity Diagram* *Convert Raster To Vector*..... **Error! Bookmark not de**

Gambar 3.31 *Activity Diagram* *Generate 3D Terrain* ..... **Error! Bookmark not de**

Gambar 3.32 *Activity Diagram* *Import Google Maps*..... **Error! Bookmark not de**

Gambar 3.33 *Activity Diagram* *Open Project*..... **Error! Bookmark not de**

Gambar 3.34 *Sequence Diagram* *Create New Project* ..... **Error! Bookmark not de**

Gambar 3.35 *Sequence Diagram* *Add New Layer* ..... **Error! Bookmark not de**

Gambar 3.36 *Sequence Diagram* *Change Config*..... **Error! Bookmark not de**

Gambar 3.37 *Sequence Diagram* *Delete Layer*..... **Error! Bookmark not de**

Gambar 3.38 *Sequence Diagram* *Export Google KML* ..... **Error! Bookmark not de**

Gambar 3.39 *Sequence Diagram* *Export Shapefile*..... **Error! Bookmark not de**

Gambar 3.40 *Sequence Diagram* *Generate Terrain 3D* ..... **Error! Bookmark not de**

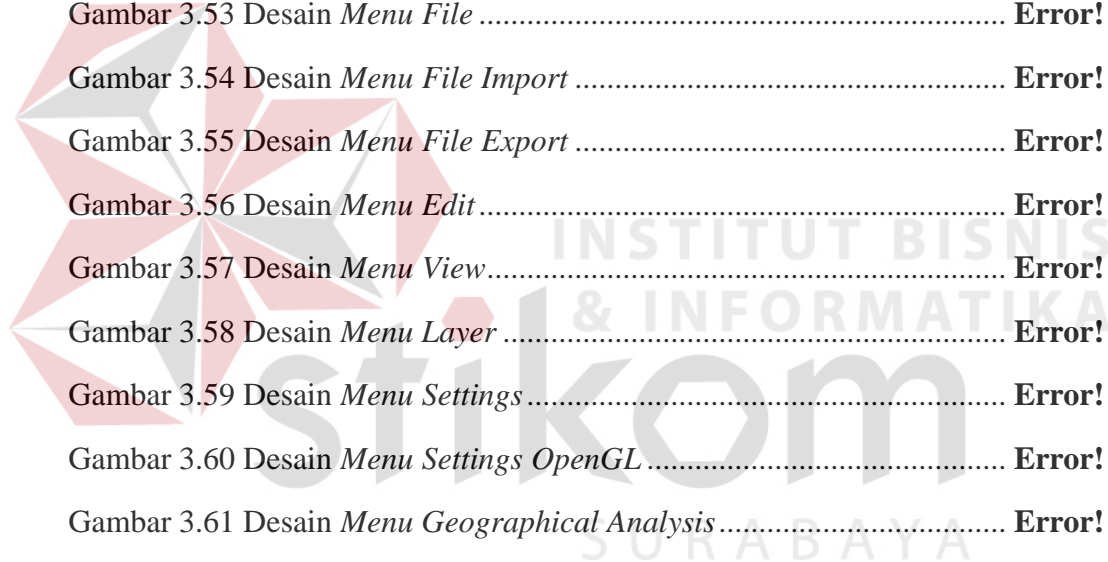
Gambar 3.41 *Sequence Diagram* *Generate Result* ..... **Error! Bookmark not de**

Gambar 3.42 *Sequence Diagram* *Image Processing*..... **Error! Bookmark not de**

Gambar 3.43 *Sequence Diagram* *Import Google Maps*..... **Error! Bookmark not de**

Gambar 3.44 *Sequence Diagram* *Import From File* ..... **Error! Bookmark not de**

Gambar 3.45 <i>Sequence Diagram Open Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.46 <i>Sequence Diagram Convert Raster To Vector</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.47 <i>Sequence Diagram Save Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.48 <i>Sequence Diagram View Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.49 <i>Class Diagram Sistem Informasi Geografis Penentuan Lahan Potensial Menggunakan Image Processing</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.50 Desain workspace .....	<b>Error! Bookmark not de</b>
Gambar 3.51 Desain <i>Form Splashscreen</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.52 Desain <i>Menu Bar</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.53 Desain <i>Menu File</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.54 Desain <i>Menu File Import</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.55 Desain <i>Menu File Export</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.56 Desain <i>Menu Edit</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.57 Desain <i>Menu View</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.58 Desain <i>Menu Layer</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.59 Desain <i>Menu Settings</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.60 Desain <i>Menu Settings OpenGL</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.61 Desain <i>Menu Geographical Analysis</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.62 Desain <i>Menu Image Processing</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.63 Desain <i>Menu Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.64 Desain <i>Menu About</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.65 Desain <i>View Layer Editor</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.66 Desain <i>View Image Register</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.67 Desain <i>Form Prepare Google Maps</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.68 Desain <i>Form Master Data Tanaman</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.69 Desain <i>Form Prepare Analysis</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.70 Desain <i>Form Analysis</i> .....	<b>Error! Bookmark not de</b>
Gambar 3.71 Desain <i>Form System Configuration</i> .....	<b>Error! Bookmark not de</b>

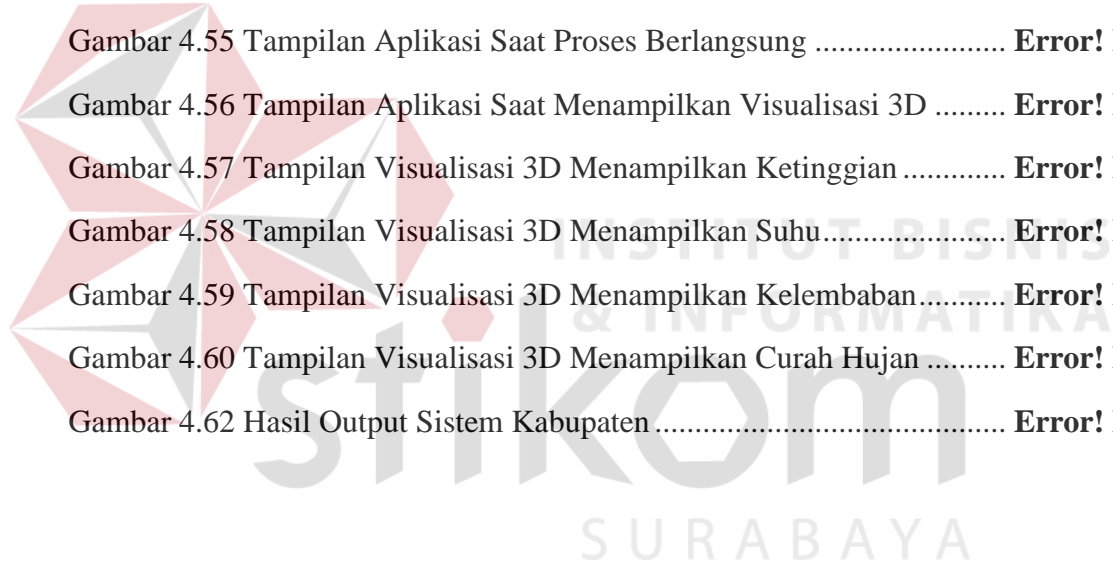


Gambar 3.72 Desain <i>Report</i> Halaman Pertama .....	<b>Error! Bookmark not de</b>
Gambar 3.73 Desain <i>Report</i> Halaman Kedua .....	<b>Error! Bookmark not de</b>
Gambar 3.74 Desain <i>Report</i> Halaman Ketiga.....	<b>Error! Bookmark not de</b>
Gambar 3.75 Peta Jenis Tanah di Kabupaten Magetan.....	<b>Error! Bookmark not de</b>
Gambar 3.76 Daerah Pengujian .....	<b>Error! Bookmark not de</b>
Gambar 4.1 Tampilan <i>Layer Editor</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.2 Tampilan Dari Tombol <i>Load Google Maps</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.3 Tampilan Tombol <i>Set Coord as Same as Elevation</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.4 Tampilan Blok Proses <i>Download GoogleMaps</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.5 Pesan <i>Download</i> Telah Berhasil .....	<b>Error! Bookmark not de</b>
Gambar 4.6 Tampilan Proses <i>Loading</i> Dari <i>Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.7 Tampilan <i>Layer</i> Setelah Selesai <i>Loading</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.8 Tampilan <i>Terrain</i> Tiga Dimensi .....	<b>Error! Bookmark not de</b>
Gambar 4.9 Tampilan Dari <i>View Image Register Mode</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.10 Tampilan <i>Menu Convert Raster to Vector</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.11 Tampilan Hasil <i>Vector Hasil Convert</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.12 Tampilan <i>Shape Vector Editor</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.13 Tampilan <i>Splash Screen</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.14 Tampilan <i>Splash Screen</i> Tanpa Centang.....	<b>Error! Bookmark not de</b>
Gambar 4.15 Tampilan Setelah Menekan <i>Create New Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.16 Tampilan <i>Layer Eeditor</i> Setelah Proses <i>Load Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.17 Pesan Apabila Ada <i>Project</i> Yang Sedang Terbuka.....	<b>Error! Bookmark not de</b>
Gambar 4.18 Tampilan <i>New Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.19 Tampilan Kotak Dialog <i>Load Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.20 Tampilan <i>Load Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.21 Tampilan Setelah <i>Load Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.22 Tampilan <i>Vector</i> Yang Akan Dilakukan <i>Export</i> .....	<b>Error! Bookmark not de</b>

Gambar 4.23 Tampilan <i>Export Google KML</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.24 Pesan Proses <i>Export</i> Selesai .....	<b>Error! Bookmark not de</b>
Gambar 4.25 Tampilan Data <i>Vector</i> Yang Akan Dilakukan <i>Export</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.26 Tampilan <i>Export Shapefile</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.27 Pesan Proses <i>Export</i> Selesai .....	<b>Error! Bookmark not de</b>
Gambar 4.28 Tampilan <i>Form Master</i> Tanaman.....	<b>Error! Bookmark not de</b>
Gambar 4.29 Tampilan <i>Form Configuration</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.30 Tampilan <i>Form Checklist</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.31 Tampilan Menu <i>Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.32 Tampilan <i>View Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.33 Tampilan <i>Print To PDF</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.34 Tampilan <i>Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.35 Tampilan <i>Search</i> Tanaman.....	<b>Error! Bookmark not de</b>
Gambar 4.36 Tampilan <i>Search Result</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.37 Tampilan Proses <i>Load Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.38 Tampilan Proses Analisis .....	<b>Error! Bookmark not de</b>
Gambar 4.39 Tampilan Hasil Analisis .....	<b>Error! Bookmark not de</b>
Gambar 4.40 Tampilan Form Master Kabupaten Kecamatan .....	<b>Error! Bookmark not de</b>
Gambar 4.41 Tampilan <i>Form Master Sector</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.42 Tampilan <i>Form Master Sector</i> Tanaman .....	<b>Error! Bookmark not de</b>
Gambar 4.43 Tampilan <i>Geoprocessing Query</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.44 Tampilan <i>Form setting</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.45 Tampilan Setelah Proses Analisis Selesai .....	<b>Error! Bookmark not de</b>
Gambar 4.46 Tampilan <i>Report</i> Experimental .....	<b>Error! Bookmark not de</b>
Gambar 4.47 Tampilan <i>Report</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.44 Tampilan <i>Splash Screen</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.45 Tampilan <i>Wizard Page</i> .....	<b>Error! Bookmark not de</b>



Gambar 4.46 Tampilan <i>Wizard Page</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.47 Tampilan <i>Wizard Page 2</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.48 Tampilan <i>Wizard Page 2</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.49 Tampilan <i>Query Page</i> Pada <i>Wizard</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.50 Tampilan <i>Analysis Process</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.51 Tampilan Hasil Daerah Analisa .....	<b>Error! Bookmark not de</b>
Gambar 4.52 Tampilan Hasil <i>Print Preview</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.53 Tampilan Aplikasi Saat Pertama Kali Dibuka. ....	<b>Error! Bookmark not de</b>
Gambar 4.54 Tampilan Aplikasi Saat Membuka <i>Project</i> .....	<b>Error! Bookmark not de</b>
Gambar 4.55 Tampilan Aplikasi Saat Proses Berlangsung .....	<b>Error! Bookmark not de</b>
Gambar 4.56 Tampilan Aplikasi Saat Menampilkan Visualisasi 3D .....	<b>Error! Bookmark not de</b>
Gambar 4.57 Tampilan Visualisasi 3D Menampilkan Ketinggian .....	<b>Error! Bookmark not de</b>
Gambar 4.58 Tampilan Visualisasi 3D Menampilkan Suhu.....	<b>Error! Bookmark not de</b>
Gambar 4.59 Tampilan Visualisasi 3D Menampilkan Kelembaban.....	<b>Error! Bookmark not de</b>
Gambar 4.60 Tampilan Visualisasi 3D Menampilkan Curah Hujan .....	<b>Error! Bookmark not de</b>
Gambar 4.62 Hasil Output Sistem Kabupaten .....	<b>Error! Bookmark not de</b>



## DAFTAR TABEL

	Halaman
Tabel 2.1 Karakteristik Lahan pada Tumbuhan.....	<b>Error! Bookmark not defined</b>
Tabel 3.1 Struktur Tabel Tanaman.....	<b>Error! Bookmark not defined</b>
Tabel 3.2 Struktur Tabel Karakter Lahan .....	<b>Error! Bookmark not defined</b>
Tabel 3.3 Struktur Tabel Kategori .....	<b>Error! Bookmark not defined</b>
Tabel 3.4 Struktur Tabel Configuration .....	<b>Error! Bookmark not defined</b>
Tabel 3.5 Struktur Tabel Sector .....	<b>Error! Bookmark not defined</b>
Tabel 3.6 Struktur Tabel SectorTanaman .....	<b>Error! Bookmark not defined</b>
Tabel 3.7 Struktur Tabel Kabupaten .....	<b>Error! Bookmark not defined</b>
Tabel 3.8 Struktur Tabel Kecamatan .....	<b>Error! Bookmark not defined</b>
Tabel 3.9 Struktur Tabel DetailSectorTanaman.....	<b>Error! Bookmark not defined</b>
Tabel 3.10 Sample Tanaman Uji Coba .....	<b>Error! Bookmark not defined</b>
Tabel 3.11 Desain Uji Coba Tiap Jenis Tanaman.....	<b>Error! Bookmark not defined</b>
Tabel 4.1 Kabupaten Daerah Potensial Untuk Bawang Merah.....	<b>Error! Bookmark not defined</b>
Tabel 4.2 Kesimpulan Akhir Uji Tingkat Keakuratan.....	<b>Error! Bookmark not defined</b>

## DAFTAR LAMPIRAN

	Halaman
Lampiran 1 Jenis Tanaman Di Indonesia.....	<b>Error! Bookmark not defined.</b>
Lampiran 2 Karakteristik Lahan Untuk Tanaman Apel.....	<b>Error! Bookmark not defined.</b>
Lampiran 3 Karakteristik Lahan Untuk Tanaman Bawang Merah .....	<b>Error! Bookmark not defined.</b>
Lampiran 4 Karakteristik Lahan Untuk Tanaman Jagung .....	<b>Error! Bookmark not defined.</b>
Lampiran 5 Karakteristik Lahan Untuk Tanaman Jahe .....	<b>Error! Bookmark not defined.</b>
Lampiran 6 Karakteristik Lahan Untuk Tanaman Kacang Tanah .....	<b>Error! Bookmark not defined.</b>
Lampiran 7 Karakteristik Lahan Untuk Tanaman Kedelai .....	<b>Error! Bookmark not defined.</b>
Lampiran 8 Karakteristik Lahan Untuk Tanaman Mangga .....	<b>Error! Bookmark not defined.</b>
Lampiran 9 Karakteristik Lahan Untuk Tanaman Mawar .....	<b>Error! Bookmark not defined.</b>
Lampiran 10 Karakteristik Lahan Untuk Tanaman Padi Sawah.....	<b>Error! Bookmark not defined.</b>
Lampiran 11 Karakteristik Lahan Untuk Tanaman Tomat Buah.....	<b>Error! Bookmark not defined.</b>
Lampiran 12 Hasil Produksi Apel di Jawa Timur.....	<b>Error! Bookmark not defined.</b>
Lampiran 13 Hasil Produksi Bawang Merah di Jawa Timur.....	<b>Error! Bookmark not defined.</b>
Lampiran 14 Hasil Produksi Jagung di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 15 Hasil Produksi Jahe di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 16 Hasil Produksi Kacang Tanah di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 17 Hasil Produksi Kedelai di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 18 Hasil Produksi Mangga di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 19 Hasil Produksi Mawar di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 20 Hasil Produksi Padi Sawah di Jawa Timur.....	<b>Error! Bookmark not defined.</b>
Lampiran 21 Hasil Produksi Tomat Buah di Jawa Timur .....	<b>Error! Bookmark not defined.</b>
Lampiran 22 Perbandingan Hasil Tanaman Apel .....	<b>Error! Bookmark not defined.</b>
Lampiran 23 Perbandingan Hasil Tanaman Bawang Merah .....	<b>Error! Bookmark not defined.</b>
Lampiran 24 Perbandingan Hasil Tanaman Jagung.....	<b>Error! Bookmark not defined.</b>
Lampiran 25 Perbandingan Hasil Tanaman Jahe.....	<b>Error! Bookmark not defined.</b>

Lampiran 26 Perbandingan Hasil Tanaman Kacang Tanah.....	<b>Error! Bookmark not de</b>
Lampiran 27 Perbandingan Hasil Tanaman Kedelai .....	<b>Error! Bookmark not de</b>
Lampiran 28 Perbandingan Hasil Tanaman Mangga.....	<b>Error! Bookmark not de</b>
Lampiran 29 Perbandingan Hasil Tanaman Mawar.....	<b>Error! Bookmark not de</b>
Lampiran 30 Perbandingan Hasil Tanaman Padi Sawah .....	<b>Error! Bookmark not de</b>
Lampiran 31 Perbandingan Hasil Tanaman Tomat Buah .....	<b>Error! Bookmark not de</b>
Lampiran 32 Perbandingan Hasil Seluruh Tanaman .....	<b>Error! Bookmark not de</b>
Lampiran 33 Output <i>Report</i> Sistem .....	<b>Error! Bookmark not de</b>
Lampiran 34 Surat Survey Stasiun Klimatologi .....	<b>Error! Bookmark not de</b>
Lampiran 35 Surat Survey Balai Pengkajian Teknologi Pertanian.....	<b>Error! Bookmark not de</b>
Lampiran 36 Surat Ijin Survey Dinas Pertanian Jawa Timur .....	<b>Error! Bookmark not de</b>
Lampiran 37 Surat Ijin Survey Dinas Pertanian Surabaya.....	<b>Error! Bookmark not de</b>

