

Daftar Isi

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	iv
KATA PENGANTAR.....	v
Bab I Pendahuluan	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	8
1.3 Tujuan Penelitian.....	8
1.4 Manfaat Penelitian.....	8
1.5 Batasan Masalah.....	9
Bab II Tinjauan Pustaka.....	10
2.1 <i>Web Portal</i>	10
2.1.1 <i>Mobile Portal</i>	11
2.2 <i>Crowdsourcing</i>	Error! Bookmark not defined.
2.3 Android.....	18
2.3.1 Jenis – jenis Android.....	19
2.3.2 Arsitektur Android	19
2.4 Hukum <i>Haversines</i>	20
2.5 Pengujian Perangkat Lunak.....	21
2.5.1 Pengenalan Pengujian Perangkat Lunak	21
2.5.2 <i>Black Box Testing</i>	22
2.6 <i>Web Based Programming</i>	22
2.6.1 <i>PHP Framework</i>	22
2.6.2 Keunggulan Menggunakan <i>PHP Framework</i>	23
2.6.3 <i>Code Igniter</i>	24
2.7 UML (<i>Unified Modeling Language</i>)	26
2.7.1 Kelompok UML	26
2.7.2 <i>Diagram UML</i>	27
2.8 <i>Database/basis data</i>	30
2.8.1 Sistem Manajemen Basis Data.....	30
2.8.2 <i>Structured Query Language</i>	32

2.8.3	<i>Entity Relationship Diagrams</i>	32
2.9	Metode Pengembangan Sistem	33
2.9.1	<i>Model Incremental dan Iterative</i>	33
2.9.2	Perbandingan Metode Pengembangan Sistem	34
2.10	<i>Web service</i>	Error! Bookmark not defined.
2.10.1	<i>Agents dan Services</i>	38
2.10.2	<i>Requesters dan Providers</i>	38
2.10.3	<i>Service Description</i>	38
2.10.4	<i>Semantics</i>	39
2.10.5	<i>Overview of Engaging a Web service</i>	39
Bab III	Metodologi Penelitian	41
3.1	<i>Model</i> Konseptual.....	41
3.2	Sistematika Penelitian	42
3.2.1	Tahap Identifikasi.....	43
3.2.2	Tahap Pembangunan Sistem	43
3.2.3	Tahap Kesimpulan dan Saran.....	44
Bab IV	Analisis dan Perancangan	45
4.1	<i>Inception</i>	Error! Bookmark not defined.
4.1.1	<i>Business Modeling</i>	45
4.1.2	Requirement Analysis	48
4.2	<i>Elaboration</i>	Error! Bookmark not defined.
4.2.1	Analysis and Design.....	51
Bab V	Implementasi dan Testing	72
5.1	<i>Construction</i>	Error! Bookmark not defined.
5.1.1	<i>Deployment Diagram</i>	72
5.2	<i>Transition</i>	Error! Bookmark not defined.
5.2.1	<i>Alpha Testing</i>	72
Bab VI	Penutup	81
6.1	Kesimpulan.....	81
6.2	Saran	81
	DAFTAR PUSTAKA	82
	LAMPIRAN A	83