

## LIST OF FIGURE

Figure 2.1 The Proses of Ontology Learning .....	7
Figure 2.2 Aspects to be considered when designing ontology population systems .....	9
Figure 2.3 Two Cluster C1 and C2 of data in a dataset and a datum X.....	12
Figure 3.1 Block Diagram of Conversational Recommender System based on Functional Requirements.....	16
Figure 3.2. Process of Ontology Population .....	18
Figure 3.3 Ontology Architecture of CRS .....	20
Figure 3.4. Knowledge Acquicition Process .....	22
Figure 4.1 Experiment Silhouette Width .....	32
Figure 7.1. The <a href="http://www.notebookcheck.net">www.notebookcheck.net</a> site that provides Benchmark Chipset-information .....	42

## LIST OF TABLES

Table 1.1 Previous Work Related to Ontologi Population and Clusteirng .....	5
Table 2.1 Silhouette Interpretation .....	14
Table 2.2 Average Silhouette Cluster [33] .....	14
Table 3.1 List of Functions in CRS for Getting Information from Ontology .....	16
Tabel 3.2The Entity Needed to update the Instance on Ontology .....	19
Table 3.3 The specifications needed by the system are as follows [21] .....	21
Tabel 3.4 List of specifications and it's quality gradation .....	23
Table 3.5. Method classification based on parameter types.....	24
Tabel 3.6 Camera Technology Quality Parameters.....	26
Tabel 3.7. Weighting on the type of camera technology.....	26
Tabel 3.8. Weighting camera technology in the example .....	27
Tabel 4.1 System Test Scenario.....	30
Table 4.2 Clustering Experiment Result .....	31
Table 4.3 Cluster Quality.....	33
Tabel 4.4 Cluster Member < 10 Points.....	34
Table 4.5 translation of functions in CRS .....	35
Tabel 4.6 Example Of Individual Checking List.....	37
Tabel 4. 7 Class Concept Testing.....	38
Tabel 4.8 Examples of Testing Query of Functionality Features to the Technical Features That Support It .....	39
Table 4.9 Test Results of the CRS function converter .....	39
Table 7.1 Types of Satellite Navigation Systems.....	44
Table 7.2 Types of Satellite Navigation Systems and their values .....	44
Table 7.3 Weighting on the Navigation system .....	44
Table 7.4 Network Speed supported by the product .....	45
Table 7.5 Recording quality supported by the product .....	46
Table 7.6 Types of Screen Protectors .....	47
Table 7.7. Weighting on the type of screen protector .....	48
Table 7.8 Camera Technology Quality Parameters.....	52
Table 7.9. Weighting on the type of camera technology.....	52
Table 7.10. Weighting camera technology in the example .....	53
Tabel 7.11 Types of Screen Technology and their assessment .....	54
Table 7.12 List of Some Products in Basemark OS II.....	54