

## LIST OF TABLE

|  |     |
|--|-----|
| Table II. 1 TOGAF ADM Phase .....                        | 32  |
| Table II. 2 ADM Guidelines and Techniques .....          | 34  |
| Table II. 3 EA Framework Comparison.....                 | 36  |
| Table II. 4 Previous Research .....                      | 37  |
| Table IV. 1 Data Identification.....                     | 49  |
| Table IV. 3 Vision and Mission Bandung City.....         | 53  |
| Table IV. 4 Mission in Sumur Bandung sub-district.....   | 53  |
| Table IV. 5 Existing Application Conditions.....         | 54  |
| Table IV. 6 Problems in Sumur Bandung sub-district.....  | 56  |
| Table V. 1 Principle Catalog.....                        | 59  |
| Table V. 2 Stakeholder Map Matrix .....                  | 61  |
| Table V. 3 Business Architectre Requirement .....        | 64  |
| Table V. 4 Goal/Objective/Requirement Catalog .....      | 65  |
| Table V. 5 Business Interaction Matrix .....             | 66  |
| Table V. 6 Business Service/Function Catalog.....        | 68  |
| Table V. 7 Organization/Actor Catalog .....              | 69  |
| Table V. 8 Role Catalog.....                             | 70  |
| Table V. 9 RACI Chart .....                              | 74  |
| Table V. 10 Gap Analysis Business Architecture .....     | 89  |
| Table V. 11 Gap Analysis Business Architecture (2) ..... | 91  |
| Table V. 12 Data Architecture Requirement.....           | 93  |
| Table V. 13 Data Entity/Data Component Catalog.....      | 94  |
| Table V. 14 Data Entity/Business Function Matrix .....   | 96  |
| Table V. 15 Application/Data Matrix .....                | 98  |
| Table V. 16 Gap Analysis Data Architecture.....          | 103 |
| Table V. 17 Gap Analysis Data Architecture (2).....      | 104 |
| Table V. 18 Application Architecture Requirements.....   | 106 |
| Table V. 19 Application Portofolio.....                  | 107 |

|   |     |
|---|-----|
| Table V. 20 Application/Organization Matrix .....               | 108 |
| Table V. 21 Application/Function Matrix.....                    | 108 |
| Table V. 22 Application/Interraction Matrix .....               | 109 |
| Table V. 23 Gap Analysis Application Architecture .....         | 113 |
| Table V. 24 Gap Analysis Application Architecture (2).....      | 115 |
| Table V. 25 Technology Architecture Requirement .....           | 117 |
| Table V. 26 Technology Standard Catalog .....                   | 117 |
| Table V. 27 Technology Portofolio Catalog .....                 | 118 |
| Table V. 28 Application/Technology Matrix.....                  | 120 |
| Table V. 29 GAP Analysis Technology Architecture.....           | 123 |
| Table V. 30 Gap Analysis Technology Architecture (2) .....      | 124 |
| Table V. 31 Implementation Factor Assessment and Deduction..... | 125 |
| Table V. 32 Project Catalog .....                               | 128 |
| Table V. 33 Value Estimation Parameter.....                     | 130 |
| Table V. 34 Risk Estimation Parameter .....                     | 130 |
| Table V. 35 Estimate value and Estimate Risk .....              | 131 |
| Table V. 36 Project Development Priorities .....                | 132 |
| Table V. 37 IT Roadmap.....                                     | 132 |