### LIST OF FIGURES

2.1 Web Services Based Encapsulate of Visualization System 8

3.1 WSRF Based Collaboration 9

3.2 Ajax Based Collaborative Client 12

3.3 Network Communication 14

6.1 Spiral Model 18

7.1 Use Case Diagram 20

9.2 System Architecture 26

9.3 Circuit Diagram 28

9.4 Data Flow Diagram – Level 0 30

9.5 Data Flow Diagram – Level 1 31

9.6 Data Flow Diagram – Level 2.1: Title 1 32

9.7 Data Flow Diagram – Level 2.2: Title 2 33

9.8 Entity Relationship Diagram 34

### LIST OF TABLES

3.1 Ajax Based Collaborative Client 12

3.2 Network Communication 14

5.1 Cost Estimation 17

9.1 Data Base Table – Title 1 *(for eg: Admin)*  33

9.2 Data Base Table – Title 2 33

9.3 Data Base Table – Title 3  34

9.4 Data Base Table – Title 4 34

### LIST OF ABBREVIATIONS

1. DB- Database