**D5.3 Report on Prototype Database Outline**

1 Introduction

1.1 Work Package 5 (D5.1, D5.2, D5.3)

1.2 Purpose of Prototype

1.3 OAIS Model

2 Functional Specifications

 2.1 Conceptual Model

2.2 Workflow

2.3 Metadata Specifications

2.4 Files and File Formats

2.5 Users

2.5.1 Database of Users

2.5.2 Login, User Roles and Permissions

3 Technical Specifications

3.1 Technology Considerations

3.2 Ingest

3.2.1 ReShare

3.3 Data Management and Archival Storage

3.3.1 EPrints

3.4 Access

3.4.1 Nesstar Server

3.4.2 CESSDA Portal

 3.5 Communication

3.6 General Communication

3.6.1 Website (D5.2)

3.6.2 Mailing Lists

3.6.3 Direct Contact

3.7 Specific Communication

3.7.1 RT: Request Tracker

3.6 Technical Infrastructure

3.6.1 Server Architecture

 3.6.2 Network and Telecommunications

3.6.3 Hardware

3.6.4 Software

4 Use Cases and Screenshots

4.1 ReShare

4.2 RT: Request Tracker

4.3 EPrints

4.4 Nesstar

4.5 CESSDA portal

5 Conclusions and Future Development

6 Appendix

6.1 Criteria for Choosing Data Archiving Tool

6.2 SERSCIDA WP4 - Standards Tools Table

6.3 List of Software Products

7 References