**Report No.4: System** **Design Description (SDD)**

**4.1. Design Overview**

**4.2. System Architectural Design**

4.2.1 Choice of System Architecture

4.2.2 Discussion of Alternative Designs

4.2.3 Description of System Interface

**4.3. Component Diagram**

**4.4. Detailed Description of Components**

**4.4.1. CRC Cards (Class-Responsibility-Collaborators) (if any)**

4.4.1.*n.* Component-*n*

4.4.1.n.1. Class Diagram

4.4.2.n.2. Class Diagram Explanation

*<Provide a brief explanation of the class diagram above. You do not need to explain “obvious” parts of your class diagram>*

4.4.3.n.3. Algorithms of important methods in each class, specified in pseudo code or by Flow-Chart

**4.5. Sequence Diagram**

**4.6. User Interface Design/ Hardware Interface Design (if any)**

4.6.1 Description of the User Interface

4.12.1.1 Screen Images/ Hardware Description

4.12.1.2 Objects and Actions/ Component

**4.7. Database Design or Data Structures or algorithms**

*<Provide the detailed database design for the system here. If your team uses a file or in-memory storage facility instead of database, remove this section; use the ‘Data Structures’ section. >*

**4.8. Other material (if any)**