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Prepared By:		**Reviewed By:**	
Name	**Date**	**Name**	**Date**
		Approved By:	
		Name	**Date**

Distribution List	
Project Representative(s)	**Guide Representative(s)**
1. <Name1> 2. <Name2> 3. <Name3>	4. <Name4> 5. <Name5> 6. <Name6>

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Definitions, Acronyms and Abbreviations

This section provides for definition of all terms, acronyms and abbreviations required for interpreting the High Level Design Document. Well known abbreviations need not be stated

References

This section describes the complete list of documents referred to prepare the High Level Design. This section shall describe the title, version number, dates, authors and publishers of the referenced documents whenever applicable.

If industry standard methodology is used for design, it will be clearly mentioned here. If however, other methodologies are used, the deviation from a standard methodology will be clearly described.

Change History

This section describes the details of changes that have resulted in the current High-Level Design document.

#	Date	Document Version No.	Change Description	Reason for Change
1.				
2.				
3.				

1.0   Introduction

1.1   Overview

The purpose of the creation of this document is presented in this section. The overview of the whole document is represented here

1.2   Scope

This section describes all aspects of high-level design that has been undertaken. It states what has been presented in this document. It states clearly identified design issues that have not been addressed, if they have not been and gives a pointer to the document that they are covered in. It also states design issues that have not been addressed because it is out of scope of our development.

2.0   Design Constraints, Assumptions and Dependencies

This section clearly defines the constraints involved in the design with reasons. If these constraints can be overcome by certain assumptions, they will be stated too. Dependencies, if any, in the design will be mentioned clearly

3.0   Design Description

This section clearly defines the interfaces that exist between two or more modules/classes.

This could be represented diagrammatically for better understanding of the system.

This section explains briefly about the major modules and classes.

3.1   Master Class Diagram

A class diagram of the entire system will be given at a high level and then broken down into sub levels in each of the classes below.

3.2   Module 1

...
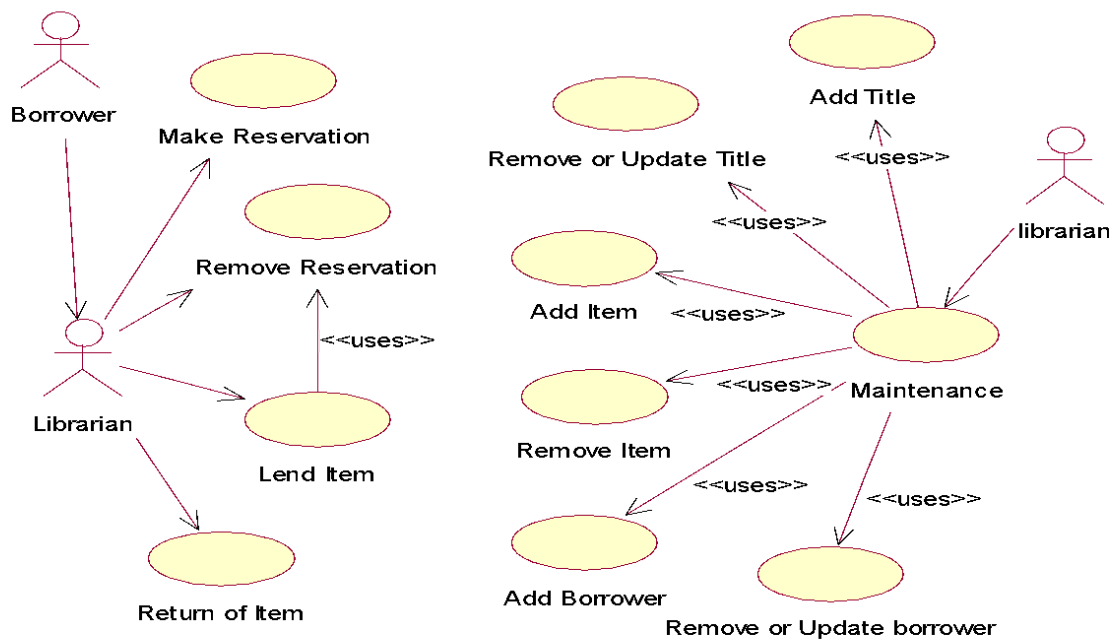
3.2.1   Description

Detailed description about the module

3.2.2   Use Case Diagram

This section shall depict the use-case diagram or reference to the CRS shall be made if it is defined in CRS. The diagram shall be broken up into multiple levels based on the need.
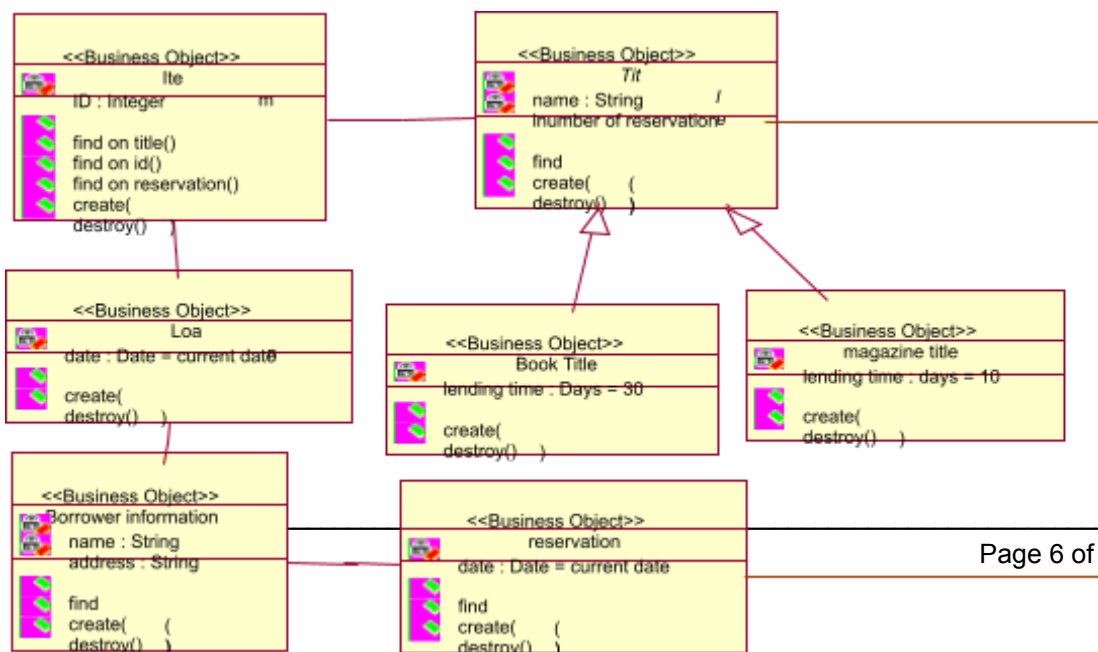
Example:

Use Case Item	Description

3.2.3 Class Diagram

Here, a description of each class in this class diagram will be given. A diagram of the entire system will be given at a high level and then broken down into sub levels. Classes maybe repeated across class diagrams, to show the interfaces with other classes. The detailed explanation of each class with its methods will be covered in the low-level design document.
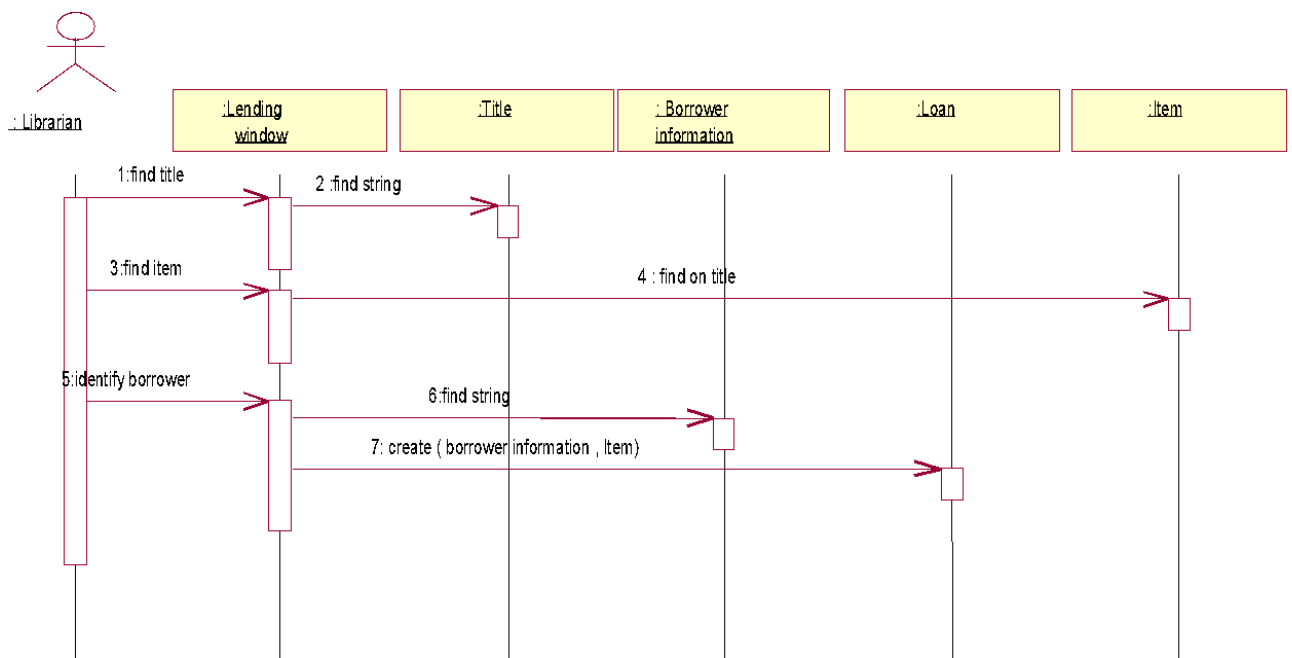
For Example

3.2.3.1   Class Description 1

Detailed description about the class.

3.2.3.2   Sequence Diagram

The Sequence diagram for each module will be presented here.

For Example:

4.0   ER Diagrams

This section will include the ER Diagram. The following table shall be filled for details of the entities and their data elements / attributes.

#	Entity	Name	Definition	Type
ENTITIES				
1.				
2.				
#	Attribute	Name	Definition	Type (size)
DATA ELEMENTS				
1.				
2.				

This section shall describe the data / function used in each module / function.

5.0   User Interface Diagrams

A brief description of the screen will be given here. Screens will have references to the appropriate CRS section.

6.0   Report Layouts

This section will include a description of the report, which will cover selection criteria, sorting and grouping criteria and the tables used to generate the report. Details like the columns of the table to be used will be mentioned in the low-level design document. The actual report layout will be put into an appendix and a reference to the same will be provided here.

7.0   External Interfaces

Gives an overall diagram as to how the system with known interfaces will work. However, the description of the interface may or may not be covered in this document, depending on whether it is within the scope of the offshore development.

8.0   Packaging and Deployment Diagrams

The packaging and deployment diagrams for the system shall be presented here.
For Example:
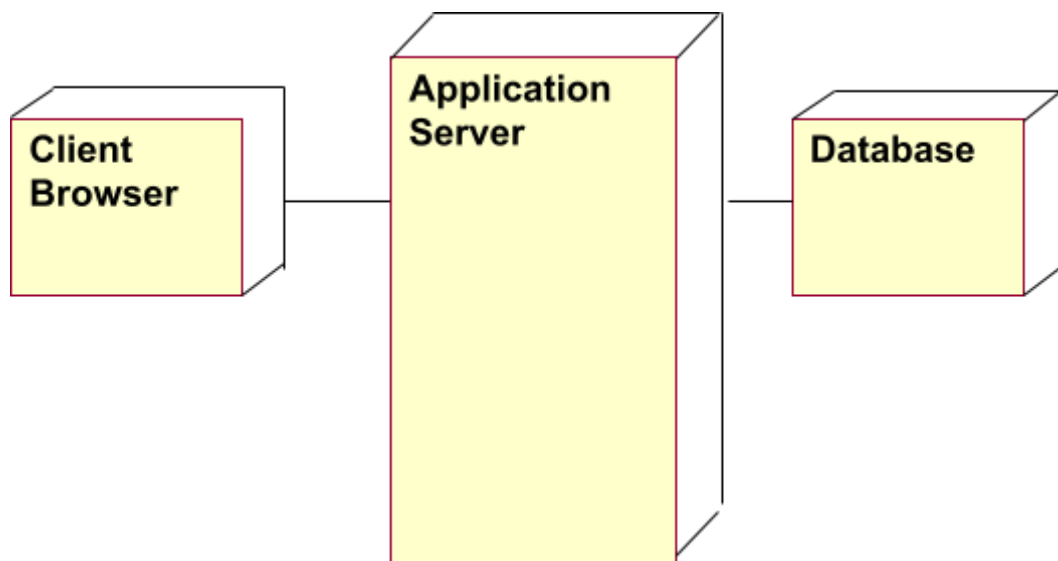
9.0 Help

This section shall describe the help planned for the system like, online / context sensitive help and other documentation (e.g. User Manual, Technical Manual) planned, to aid in the usage of the system

10.0 Alternate Design Approach

This section shall describe the design approaches that were considered. The limitations and the advantages of each approach shall be explained briefly.

11.0 Reusability Considerations

This section shall describe the reusability considerations planned for the project. They may comprise of the following:

- Project Components that are and can be generated with available reusable components
- Components that can be built in the project for reuse in the project

12.0 Traceability Matrix

CRS Reference Section No. and Name.	DESIGN / HLD Reference Section No. and Name.