



SURYAVANSHI LIBRARY MANAGEMENT SYSTEM

Business requirement document

Sudhanya
sudhanya@gmail.com

Contents

Business Requirements Document (BRD) for Suryavanshi Library Management System.....	2
Requirements.....	2
Manage Authors.....	2
Manage Publishers.....	2
Manage Books.....	2

Business Requirements Document (BRD) for Suryavanshi Library Management System

Suryavanshi Books is a large book publisher who wants to start a library as part of its CSR program. They want to make the biggest library in India. To support their day-to-day operations, they have approached your company to build them a Library Management System.

Requirements

Manage Authors

1. Author Entity

Properties/Fields	Field Type	Field Size
Id	string	25
Name	string	250
Notes	string	2050

2. Author Management (CRUD)

- List
- Create
- Update
- Delete
 - Only allowed if no books exist

Manage Publishers

1. Author Entity

Properties/Fields	Field Type	Field Size
Id	String	25
Name	String	250
Phone	String	250
Email	String	250
Notes	String	2050

2. Publisher Management (CRUD)

- Create
- Read
- Update
- Delete
 - Only allowed if no Books exist

Manage Books

1. Book Entity

Properties/Fields	Field Type	Field Size
ISBN	string	25
Title	String	250
PublisherId	int	
AuthorId	int	
bool IssuedStatus	Bool	

2. Book Management

- Display Books List
 - All Books

- ii. Available Books
 - iii. Issued Books
- b. Search Book
 - i. Search By ISBN
 - ii. Search By Name (Partial word search)
 - iii. Search By Publisher
 - iv. Search By Author
- c. Add new books
- d. Edit an existing book
 - i. ISBN cannot be edited
- e. Delete an existing book
 - i. Book can be hard deleted (Add a IsDeleted property to Books entity)
 - 1. If Book has never been issued to a Customer.
 - ii. Book can be soft deleted
 - 1. If Book has been issued in the past.
 - iii. Book cannot be deleted
 - 1. If Book is currently issued.