

Functional Requirement	Class name	Method name
FR1: Manage users, regular and premium	Class ReadXSystem	RegisterReader()
	Class ControllerLibrary	addReader(), checkIdReaders()
	Class Reader	Reader()
	Class Premium	Premium()
	Class Regular	Regular()
FR2: Manage bibliographic products	Class ReadXSystem	manageBibliographicProduct()
	Class ControllerLibrary	addBook(), addMagazine(), editBook(), editMagazine(), removeProducts()
	Class BibliographicProduct	BibliographicProduct(), set()
	Class Book	Book(), set()
	Class Magazine	Magazine(), set()
FR3: Generate objects automatically	Class ReadXSystem	generateAutomaticProducts()
	Class ControllerLibrary	initBasicProducts()
	Class BibliographicProduct	BibliographicProduct()
	Class Book	Book()
	Class Magazine	Magazine()
	Class Reader	Reader()
	Class Premium	Premium()
	Class Regular	Regular()
FR4: Consult bibliographic products by name	Class ReadXSystem	consultBibliographicProducts()
	Class ControllerLibrary	consultCodeBibliographicProducts()
	Class BibliographicProduct	getNameProduct(), getIdProduct()
FR5: Allow a user to buy a book	Class ReadXSystem	readerBuyBook()

	Class ControllerLibrary	agreggateBookToReader(), consultObjectReader(), consultObjectBibliographicProd uct(),searchNumberBibliographi cProduct(),searchNumberReade r()
	Class Reader	addBook(), addAmountSales()
FR6: Allow a user to subscribe to a magazine	Class ReadXSystem	aggregateMagazineOfReader()
	Class ControllerLibrary	agreggateMagazineToReader(), consultObjectReader(), consultObjectBibliographicProd uct(),searchNumberBibliographi cProduct(),searchNumberReade r()
	Class Reader	addMagazine(), addAmountSales()
FR7: Allow a user to unsubscribe from a magazine	Class ReadXSystem	cancelSubscriptionMagazineOf Reader()
	Class ControllerLibrary	cancelMagazineOfReader(),con sultObjectReader(), consultObjectBibliographicProd uct(),searchNumberBibliographi cProduct(),searchNumberReade r()
	Class Reader	removeProduct()
FR8: Allow a user to simulate a read session	Class ReadXSystem	presentLibraryReader()
	Class ControllerLibrary	readingSession(),checkUserHav eAProduct(),consultObjectRead er(), consultObjectBibliographicProd uct(),searchNumberBibliographi cProduct(),searchNumberReade r(),addNumberPagesRead,
	Class Reader	checkUserHaveAProduct(), addNumberPagesRead(), caddAmountSessionPage(), decreaseAmountSesionPage(), getNumberPages(), getCurrentSessionPage(), getNameProduct(), getLastSessionPage()