

REQUERIMIENTO FUNCIONAL	NOMBRE DE LA CLASE	NOMBRE DEL MÉTODO
RF0- Registrar libros	Main	<ul style="list-style-type: none"> - registerBibliographicProduct() - validateInteger() - readDate() - validateDouble - validateOptionInputByRange()
	ReadXSystems	<ul style="list-style-type: none"> - addBook() - generateHexIdentifier
	Book	<ul style="list-style-type: none"> - Book()
RF1- Registrar revistas.	Main	<ul style="list-style-type: none"> - registerBibliographicProduct() - validateInteger() - readDate() - validateDouble - validateOptionInputByRange()
	ReadXSystems	<ul style="list-style-type: none"> - addMagazine() - generateAlphalIdentifier()
	Magazine	<ul style="list-style-type: none"> - Magazine()
RF2- Modificar libros	Main	<ul style="list-style-type: none"> - modifyBibliographicProductInfo() - validateInteger() - readDate() - validateDouble - validateOptionInputByRange()
	ReadXSystems	<ul style="list-style-type: none"> - searchUserArrayPosition() - checkProductType() - getProductByPoistion - getProductCastedBook() - modifyBookInfo()
	BibliographicProduct	<ul style="list-style-type: none"> - getName() - getNumPages() - getURL() - getPrice() - setName() - setNumPages() - setURL() - setPrice()
	Books	<ul style="list-style-type: none"> - getReview() - getGenre() - setReview() - setGenre()
RF3- Modificar revistas.	Main	<ul style="list-style-type: none"> - modifyBibliographicProductInfo() - validateInteger() - readDate() - validateDouble - validateOptionInputByRange()

	ReadXSystems	<ul style="list-style-type: none"> - searchUserArrayPosition() - checkProductType() - getProductByPoistion - getProductCastedMagazine() - modifyMagazineInfo()
	BibliographicProduct	<ul style="list-style-type: none"> - getName() - getNumPages() - getURL() - getPrice() - setName() - setNumPages() - setURL() - setPrice()
	Magazine	<ul style="list-style-type: none"> - getPeriodicity() - getCategory() - setPeriodicity() - setCategory()
RF4- Borrar productos bibliográficos.	Main	<ul style="list-style-type: none"> - elimanteBibliographicProduct()
	ReadXSystems	<ul style="list-style-type: none"> - searchBibliographicProductByID() - elimanteBibliographicProductFromSystem()
	User	<ul style="list-style-type: none"> - searchTransactionByProduct()
	Transaction	<ul style="list-style-type: none"> - getPurchasedProductt()
	IBuy	<ul style="list-style-type: none"> - eliminateBook - cancelMagazineSubscription()
RF5- Registrar usuarios, regulares y premium.	Main	<ul style="list-style-type: none"> - registerUser() - validateOptionInputByRange()
	ReadXSystems	<ul style="list-style-type: none"> - isCCAlreadyRegistered() - addRegularUser() - addPremiumUser() - getCurrentDate()
	Regular	<ul style="list-style-type: none"> - Regular()
	Premium	<ul style="list-style-type: none"> - Premium()
RF6- Permitir a un usuario comprar un libro y suscribirse a una revista.	Main	<ul style="list-style-type: none"> - makeTransaction() - validateDouble()
	ReadXSystems	<ul style="list-style-type: none"> - checkUserType() - checkProductType() - addBibliographicProductToUser() - searchBibliographicProductyByID() - searchUserByCC() - getCurrentDate()
	BibliographicProduct	<ul style="list-style-type: none"> - getPrice() - getSoldCopies() - setSoldCopies()

	Transaction	- Transaction()
	IBuy	- purchaseBook() - suscribeMagazine()
	User	- addBibliographicProduct() - addTransaction() - addPagesRead() - addTransaction() - isProductAlreadyPurchased
	Regular	- countBooks() - countMagazines()
RF7- Permitir a un usuario cancelar la suscripción de una revista.	Main	- cancelMagazineSubscription()
	ReadXSystems	- checkUserType() - checkProductType - eliminateMagazineFromUser() - searchBibliographicProductByID() - searchUserByCC() -
	Magazine	- getSoldCopies() - setSoldCopies()
	IBuy	- cancelMagazineSubscription()
	User	- searchTransactionByProduct() - isProductAlreadyPurchased()
RF8- Presentar al usuario su Biblioteca de Productos Bibliográficos	Main	- navigateUsersLibrary() - validateOptionInputByRange()
	ReadXSystems	- searchUserArrayPosition() - showUserslibrary() - initLibrary()
	User	- getOwnedProducts()
	BibliographicProduct	- getID()
RF9- Permitir a un usuario simular una sesión de lectura.	Main	- navigateUsersLibrary() - simulateReadingSessionByID()
	ReadXSystems	- searchUserArrayPosition() - showUsersLibrary() - getProductPositionByCordinates() - changePage() - getAdvertisement()
	User	- getOwnedProducts() - getPagesRead()
	BibliographicProduct	- getID() - getName() - getPagesRead() - getNumPages() - setReadPages()

	Advertisable	- getAdvertisement()
RF10- Generar automáticamente objetos en el sistema para cada tipo de usuario y producto bibliográfico.	Main	- initTest()
	ReadXSystems	- initModel() - generateHexIdentifier() - generateAlphalIdentifier() - getCurrentDate()
	BibliographicProduct	- getPrice() - getID() - addPagesRead() - addTransaction() - setSoldCopies() - getSoldCopies()
	Book	- Book()
	Magazine	- Magazine()
	User	- getCC() - getOwnedProducts()
	Regular	- Regular() - countBooks() - countMagazines()
	Premium	- Premium()
	IBuy	- purchaseBook() - suscribeMagazine()
	Transaction	- Transaction()
RF11- Generar informes con los datos registrados	Main	- GenerateReport() - validateOptionInputByRange()
	ReadXSystems	- getTotalPagesReadByType() - getMostReadGenreAndCategory() - getTop5BookList() - getTop5MagazinesList() - informSalesByGenre() - informSalesByCategory()
	BibliographicProduct	- getReadPages() - getName() - getPrice() - getSoldCopies()
	Regular	- getGenre() - getGenreString
	Premium	- getCategory() - getCategoryString()