

Requerimiento Funcional	Nombre de la Clase	Nombre del método
1- Registry book	Main	registryBibliographicProduct()
	Controller	registerBook()
	Book	Book(...)
	BibliographicProduct	BibliographicProduct(...)
1- Registry Magazine	Main	registryBibliographicProduct()
	Controller	registerMagazine()
	Magazine	Magazine(...)
	BibliographicProduct	BibliographicProduct(...)
2 – Modify Bibliographic product	Main	modifyBibliographicProduct()
	Controller	modifyProductName()
	BibliographicProduct	setName()
	Controller	modifyProductDate()
	BibliographicProduct	setPublishDate()
	Controller	modifyProductPages()
	BibliographicProduct	setPages()
	Controller	modifyBookReview()
	Book	setReview()
	Controller	modifyBookPrice()
	Book	setSalePrice()
	Controller	modifyBookGenre()
	Book	setGenre()
	Controller	modifyMagazineEmission()
	Magazine	setFrequency()

	Controller	modifyMagazineSubPrice()
	Magazine	setSubPrice()
	Controller	modifyMagazineCategory()
	Magazine	setCategory()
3 – Delete bibliographic product	Main	deleteBibliographicProduct()
	Controller	deleteBibliographicProduct()
4 – Registry User	Main	registryUser()
	Controller	registryUser()
	Premium User	Premium User()
	Regular User	Regular User()
	Users	Users()
5 – Buy a bibliographic product	Main	buyBibliographicProduct()
	Controller	buyBook()
		buyMagazine()
	Premium User	addProduct()
	Regular User	addBook()
6 – Show Library	Main	showLibrary()
	Controller	getUserName()
	Users	getId()
		getName()
	Controller	showUserLibrary()
		userProductsMatrix()
		bubbleSort()
	PremiumUser	getProducts()
	RegularUser	getBooks()
		getMagazines()
	BibliographicProduct	getId();
6.1 – Simulate Lecture	Main	simulateLecture()

	Controller	sendNameForSimulation()
		sendTotalPagesForSimulation()
		knowTypeOfProduct()
		checkTypeOfUser()
		showAds()
		modifyReadPages()
	User	getId()
	BibliographicProduct	getName()
		getPages()
		increaseReadPages()
7 – Initialize system	Main	initSystem()
	Controller	initSystem()
8 – Report the total read pages	Main	informPagesRead()
	Controller	informPagesRead()
	BibliographicProduct	getReadPages()
9 – Report most read genre & category	Main	informMostReadGenreAndCategory()
	Controller	informMostReadGenreAndCategory()
	BibliographicProduct	getReadPages()
	Book	getGenre()
	Magazine	getCategory()
10 – Report genre stats	Main	informGenreStats()
	Controller	informGenresStats()
	Book	getGenre()
		getSoldBooks()
		getSales()
11 – Report categories stats	Main	informCategoryStats()

	Controller	informCategoriesStats()
	Magazine	getCategory()
		getActiveSubscription()
		getSubSales()