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| **functional requirement** | **Class name** | **Method name** |
| FR01: bibliographic product record | BibliographicProduct  Book  Magazine | Book() |
| Magazine() |
| Controller | registerBibliographicalProduct() |
| Executable |
| FR02: delete the bibliographic product. | Executable | deleteBibliographicalProduct() |
| Controller |
| FR03: modify bibliographic product | Executable | modifyBibliographicalProduct() |
| Controller |
| Book  Magazine | setId() |
| setName() |
| setTotalPage() |
| setPublicationDate() |
| Integer | ParseInt() |
| FR04: register user | Executable | registerUser() |
| controller |
| User  RegularUser  PremiumUser | RegularUser() |
| PremiumUser() |
| FR05: purchase of book and magazine subscriptions. | Executable | purchaseBook()  subscribetoMagazine |
| Controller | getUsers()  getBooks()  getMagazines() |
| FR06: cancel magazine subscriptions. | Controller | cancelSubscription() |
| Executable |
| FR07: show the bibliographic product collection | Controller | showUserCollection()  showMatrix()  fillMatrix()  sortLibrary() |
| Executable | showUserCollection() |
| FR08: simulation of the reading session. | Controller | readingSession() |
| FR09: generate real-time reports. | Executable | Reports() |
| Controller | mostReadGenre()  mostReadCategory()  booksReadPages()  magazinesReadPages() |