|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc001  Manage users | Executable | ManageUsers()  RegisterUser()  ModifyUser()  DeleteUser() |
| Controller | registerUser()  editUser()  deleteUser() |
| User | setName() |
|  | Regular | Regular() |
|  | Premium | Premium() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc002  Manage Bibliographic Products | Executable | manageBibliographicProducts()  registerBibliographicProducts()  modifyBibliographicProducts()  deleteBibliographicProducts() |
| Controller | registerBook()  genreDecision()  generateUniqueIdentificationHexa()  categoryDecision()  generateUniqueIdentificationAlfa()  genreDecision()  categoryDecision() |
| Bibliographic | setName()  setPagesNumber()  setUrl()  getId() |
|  | Book | Book()  setGenre()  setPrice() |
|  | Magazine | Magazine()  setCategoryMagazine()  setPriceSuscription() |
|  | Premium | deleteMagazine() |
|  | Regular | deleteMagazine() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc003  Generate Auto Products | Executable | generateAuto() |
| Controller | generateAuto()  generateUniqueUserId()  generateUrl()  generateDate()  generateReview()  genreDecision()  generatePrice()  categoryDecision() |
| Regular | Regular() |
|  | Premium | Premium() |
|  | Book | Book() |
|  | Magazine | Magazine() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc004  Buy Book | Executable | buyBook() |
| Controller | getBookList()  buyBook()  findPositionOfUserWithId()  verifyTypeOfUser()  generateInvoice() |
| Book | addCopiesSold()  getPrice() |
|  | Bibliographic | setPagesRead()  getId()  getName() |
|  | User | generateInvoice() |
|  | Premium | addBiblioProduct() |
|  | Regular | addBiblioProduct() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc005  SubscribeMagazine | Executable | subscribeMagazine() |
| Controller | getMagazineList()  subscribeMagazine()  findPositionOfUserWithId()  verifyTypeOfUser()  generateInvoice() |
| Magazine | addActiveSuscriptions()  getPriceSuscription() |
|  | Bibliographic | getId()  getName()  setPagesRead() |
|  | User | generateInvoice() |
|  | Premium | addBiblioProduct() |
|  | Regular | addBiblioProduct() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc006  Library and reading session | Executable | libraryReading() |
| Controller | findPositionOfUserWithId()  getUserBiblioList()  verifyTypeOfUser()  getProductId()  idBiblioPositionReadingSession() |
| Premium | getProductId()  returnBiblioDate()  readingSession()  toStringBiblioList() |
|  | Regular | getProductId()  returnBiblioDate()  returnAdvertisements()  readingSession()  toStringBiblioList() |
|  | Bibliographic | getId()  getPagesRead()  getPagesNumber()  addNewReadPage()  getName() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc007  Manage Reports | Executable | manageReports()  informTotalPagesPerType()  informMostReadGenreCategory()  informTop5BooksMagazines()  informSellBooksAndAmountByGenre()  informMagazinesSuscriptionsAndAmountByCategory() |
| Controller | totalPagesPerType()  informMostReadGenreCategory()  informTop5BooksMagazines()  informSellBooksAndAmountByGenre()  informMagazinesSuscriptionsAndAmountByCategory()  primitiveBookComparator()  primitiveMagazineComparator() |
| Bibliographic | getPagesRead()  getName() |
|  | Book | getGenre()  getCopiesSold()  getPrice() |
|  | Magazine | getCategoryMagazine()  getActiveSuscriptions()  getPriceSuscriptions() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc008  Most knowledge unit in a project | Executable | mostKnowledgeUnitInAProject() |
| Controller | mostKnowledgeUnitInAProject() |
| Projects | mostKnowledgeUnitInAProject()  getProjectName |
|  | Stage | mostKnowledgeUnitInAProject() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc009  Inform collaborator knowledge unit | Executable | informCollaboratorKnowledgeUnit() |
| Controller | informCollaboratorKnowledgeUnit() |
| Projects | informCollaboratorKnowledgeUnit() |
|  | Stage | informCollaboratorKnowledgeUnit() |
|  | KnowledgeUnit | getCollaboratorName() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| **Ejemplo:**  ReqFunc010  Search Description and learned lessons by keyword | Executable | searchDescriptionAndLearnedLesonsByKeyWord() |
| Controller | searchDescriptionAndLearnedLesonsByKeyWord() |
| Projects | searchDescriptionAndLearnedLesonsByKeyWord() |
|  | Stage | searchDescriptionAndLearnedLesonsByKeyWord() |
|  | KnowledgeUnit | getUrlKU()  generateHashtagDescriptio()  generateHashtagLearnedLessons()  getDescriptionKU()  getLearnedLessonsKU() |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |