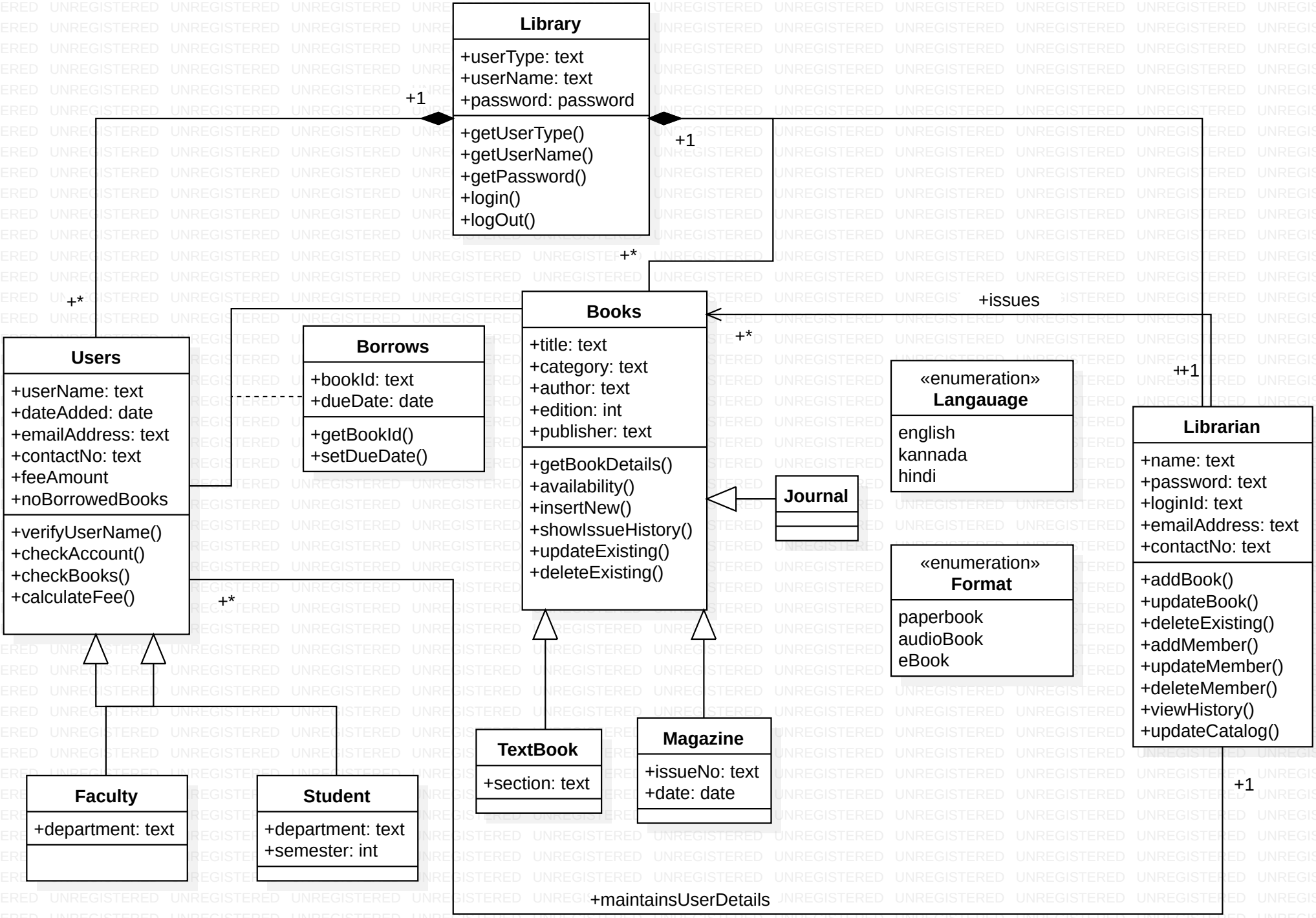
Model::Main


Library
+userType: text
+userName: text
+password: password
+getUserType()
+getUserName()
+getPassword()
+login()
+logOut()
+1
+1
+*
+issues
+*
+*
++1
Users
+userName: text
+dateAdded: date
+emailAddress: text
+contactNo: text
+feeAmount
+noBorrowedBooks
+verifyUserName()
+checkAccount()
+checkBooks()
+calculateFee()
Borrows
+bookId: text
+dueDate: date
+getBookId()
+setDueDate()
Books
+title: text
+category: text
+author: text
+edition: int
+publisher: text
+getBookDetails()
+availability()
+insertNew()
+showIssueHistory()
+updateExisting()
+deleteExisting()
«enumeration»
Langauage
english
kannada
hindi
Journal
«enumeration»
Format
paperbook
audioBook
eBook
Librarian
+name: text
+password: text
+loginId: text
+emailAddress: text
+contactNo: text
+addBook()
+updateBook()
+deleteExisting()
+addMember()
+updateMember()
+deleteMember()
+viewHistory()
+updateCatalog()
+*
TextBook
+section: text
Magazine
+issueNo: text
+date: date
Faculty
+department: text
Student
+department: text
+semester: int
+1
+maintainsUserDetails