Structures			Interface			Text files		Functions		Assigned	
BOOK	name		**User Side**	Borrow books			**User Records**	**Function**		**Assigned**	
100 filled	isbn			return books			**Updated book records**	Filter by genre			
300 total	author			view books available				Filter by author			
	publisher			view filtered books				Filter by publisher		Duaa	
	year			donate books				Filter by availibilty			
	availability			login system if due date extends				Filter by publication Year			
								View All			
User	UserID		**Librarian Side**	Borrow books				Borrow		Asra	
max=150	Name			return books				Return			
										Ruhab (direct link to updating)	
75 filled records	Contact Number			view books available				Add/donate			
	Email			view filtered books				View borrowed			
	BooksBorrowed[5]			donate books/add books				View past due dates		Asra	
				login system if due date extends				View specific amount borrowed (i.e: all users that have borrowed atleast 3 etc.)			
				View books past due dates							
				view all borrowed books							
				search if a book is borrowed				Copy all users from text file to populate structure arrays		Ruhab (main)+ Asra(assist)	
BooksBorrowed	issuedate			keep text file of users and borrowed books				Update text files (users)			
total 5	returndate			keep updated text file of books				Copy all books from text file to populate structure arrays		Ruhab (main)+ Duaa(assist)	Backend+database
	overdue days calculation			Send notification to users past due dates				Update text files (books)			
	isbn										
								Calculate fines		Ruhab	
								Send notification to users that have due tomorrow			
								MAIN		Ruhab (with the assistance of other 2 since main)	