

CRC Cards:

User	
ID Name Address Email Type	
Borrow books View borrowing history Remove a user	BorrowingHistory BorrowingHistory

Book	
ID Title AuthorName AvailabilityStatus	
Search for a book by ID Search for a book by Title Search for a book by AuthorName Insert books Remove books Get book availability	

BorrowingHistory	
BorrowerID BorrowedDate DueDate BorrowedBook[ ]	
Borrow books Get the number of books borrowed Return books View borrowing history	

Admin	
AdminID Email	
Insert books Remove books Remove a user	Book Book User

WaitingList	
Insert a request Remove a request	

Request	
RequesterID RequestedBook[ ]	
Create a new request	

Email	
Subject Date Content Recipient	
Send an email	

System	
Send an email Remove a user	Email User

Member	
MemberID IDCardNo Occupation Organization	
Get membership Pay membership fee	Membership Payment

Extends class User

Membership	
MemberID StartedDate ExpiredDate Status Fee	
Renew membership Get membership	

Payment	
Payment ID	
MemberID	
PaidAmount	
VisaCardNo	
PaidDate	
Pay membership fee	