Case Study – 9
(25 points)

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Submission: Save this Word document with your answers as a PDF file and upload the PDF file to Canvas.

(5 pts) List all the entities for the Book Exchange Project.

Entities for Book Exchange Project:

-Moderators/Administrators

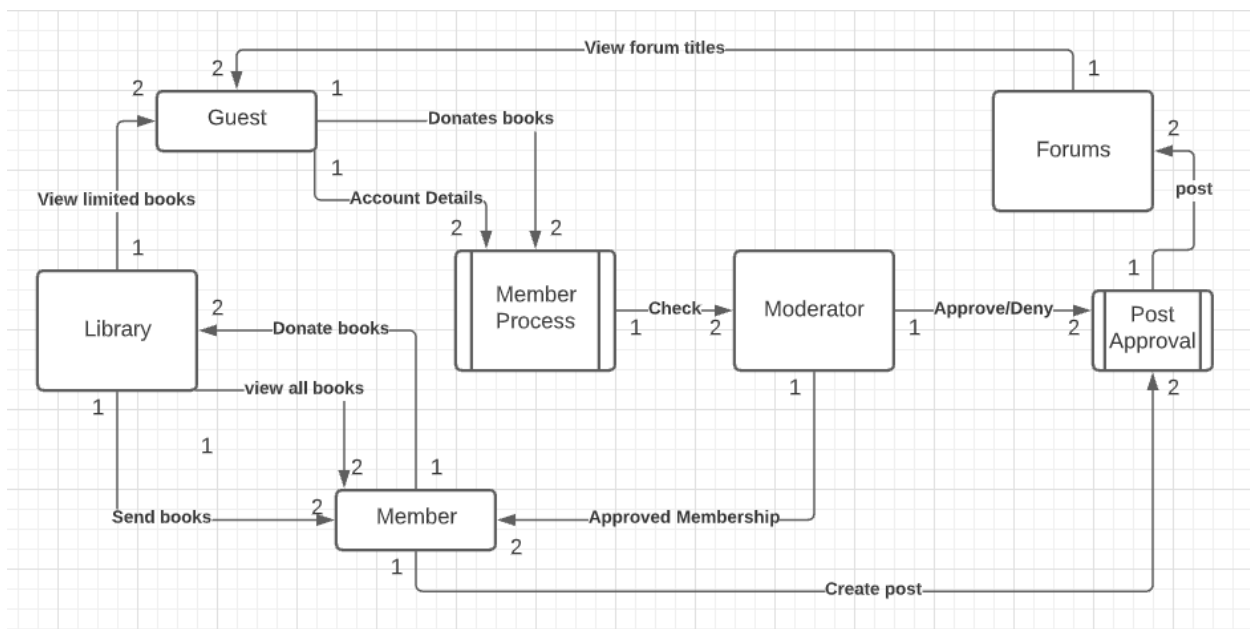**-Members**

-Guests/Visitors

-Books

-Library

-Forums

(10 pts) Create an ERD for the Book Exchange Project with cardinality like that shown in Fig 9.19

(10 pts) Design 3NF tables for the Book Exchange Project based on your ERD, make sure the Primary Keys and Foreign Keys are identified. You can use a graphical notation or standard format to express your design.

Book Number	Book Name	Genre	Availability
1	Willy Wonka	Fantasy	Yes
2	Snowden	Nonfiction	Yes
3	Lord of the Rings	Fantasy/Adventure	No

Moderator Number	Moderator Username	Moderation Area
1	BigMod438	Forums
2	JimBoy21	Membership
3	AdminGuy92	Donations

User Number	Username	Membership Status
23	EarlyBird	No
456	JohnCena85	Yes
645	ThatOneGuy00	Yes

Forum Number	Forum Topic	Forum Posts
2	Favorite Books	534
3	Book Reviews	6453
5	Donations	26