

Question 1:

Functionalities:

1. Functionalities:

A. Normal User:

- i. Save user account information including name, e-mail address, gender and password.
- ii. Search and Browse books with Title / Author / ISBN / Genre.
- iii. Potential donors can donate books online.
- iv. Users can check available books form the website.
- v. Users can search books by their favorite authors.
- vi. Publishers can post new books information on the website.
- vii. Authors can post their books information on the website.
- viii. Booksellers can sell books on the website.

B. Administrators:

- i. Create book tuple with title, author, ISBN, edition language, available edition.
- ii. Update book information.
- iii. Add or Remove books.
- iv. Classify books with title, author, ISBN, edition language, available edition.
- v. Delete normal users' account.
- vi. Recommend books to normal users.
- vii. Store information of publishers and authors.
- viii. Contact donors to encourage them donate more books.

Question 2:

