

SE2224 – Software System Analysis

Spring, 2022-2023

Assignment-6

Consider that you will design a software application (e.g. Desktop App, Mobile App, etc.) called “MyFavoriteBooks”. The goal of “MyFavoriteBooks” is to keep a list of the books that a user has read and liked. It can have various functionalities such as inserting a book, searching a book by its given data, rating a book, viewing a book’s cover, etc. A book can have the following data: Book id, Title, Category, First Author Name and Surname, Award Winner, Rating, Year, Number of Pages, Short Description, etc.

- A.** For the given system above, write at least 5 functional requirements.
- B.** Create the class diagram for this system using a software tool such as Visual Paradigm, also explain your diagram; write what each class and each relationship between the classes mean.

Notes:

- This is an individual assignment (not a group assignment).
- Upload your assignment to Moodle in one of the **doc/docx/pdf** formats.