



Cairo University

Faculty of computer and information

Software Design Specification

- ★ **Course** : CS251- Software Engineering I
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- ★ **Year** : 2014
- ★ **Project name** : Book Network
- ★ **Team name** : TNRS
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■ **Team Member :**

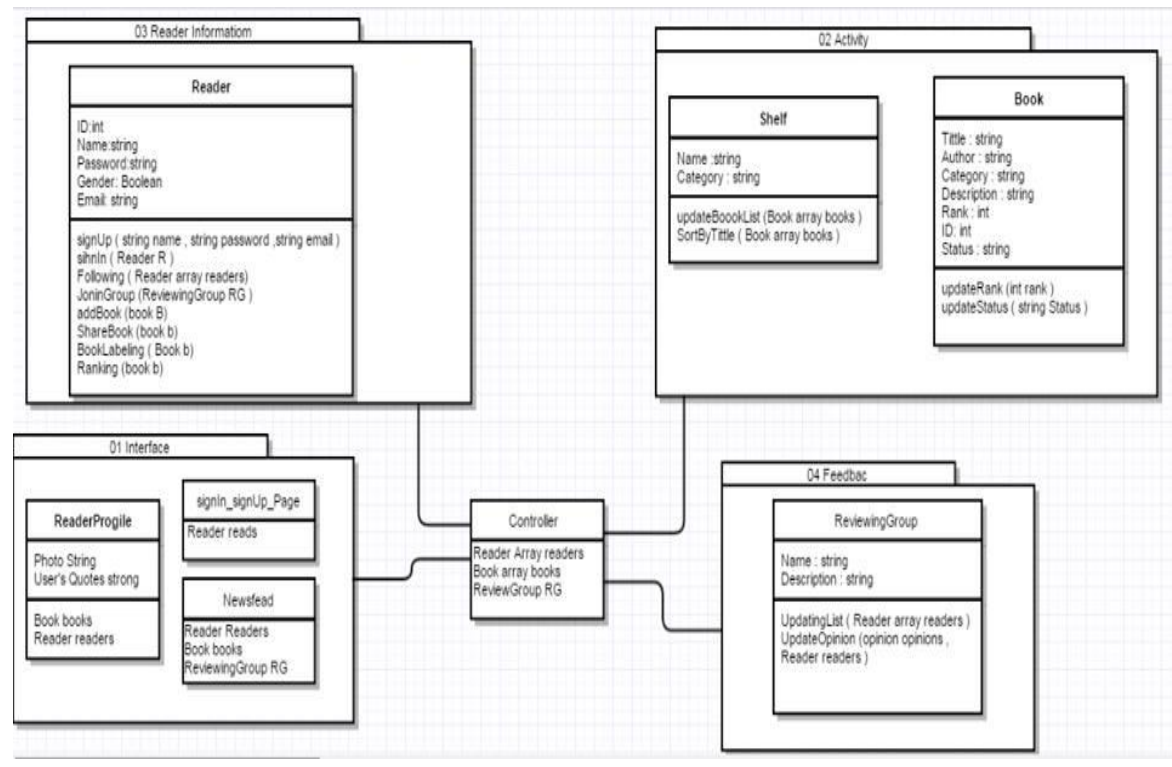
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- **Document Purpose and Audience**

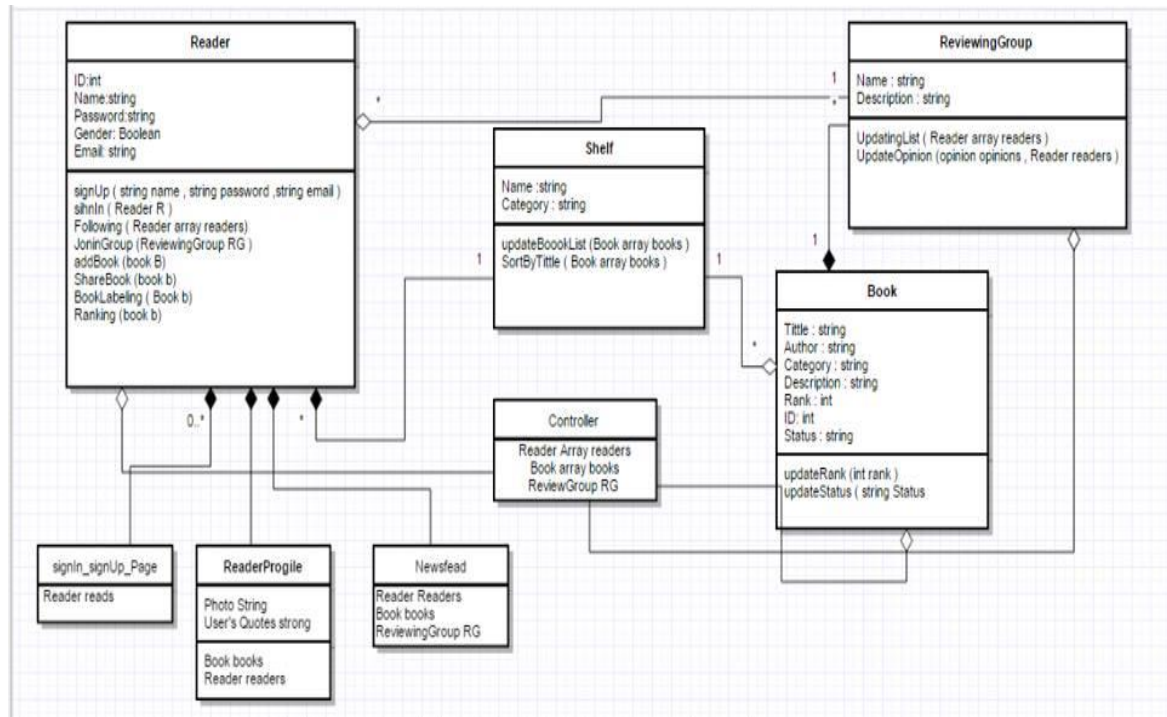
This document is the Software Requirements Specification (SRS) for Book network. SDD usually accompanies an architecture diagram with pointers to detailed feature specifications of smaller pieces of the design. It is designed and written for stakeholders: professors and project developers.

■ System Models

1. System Decomposition:

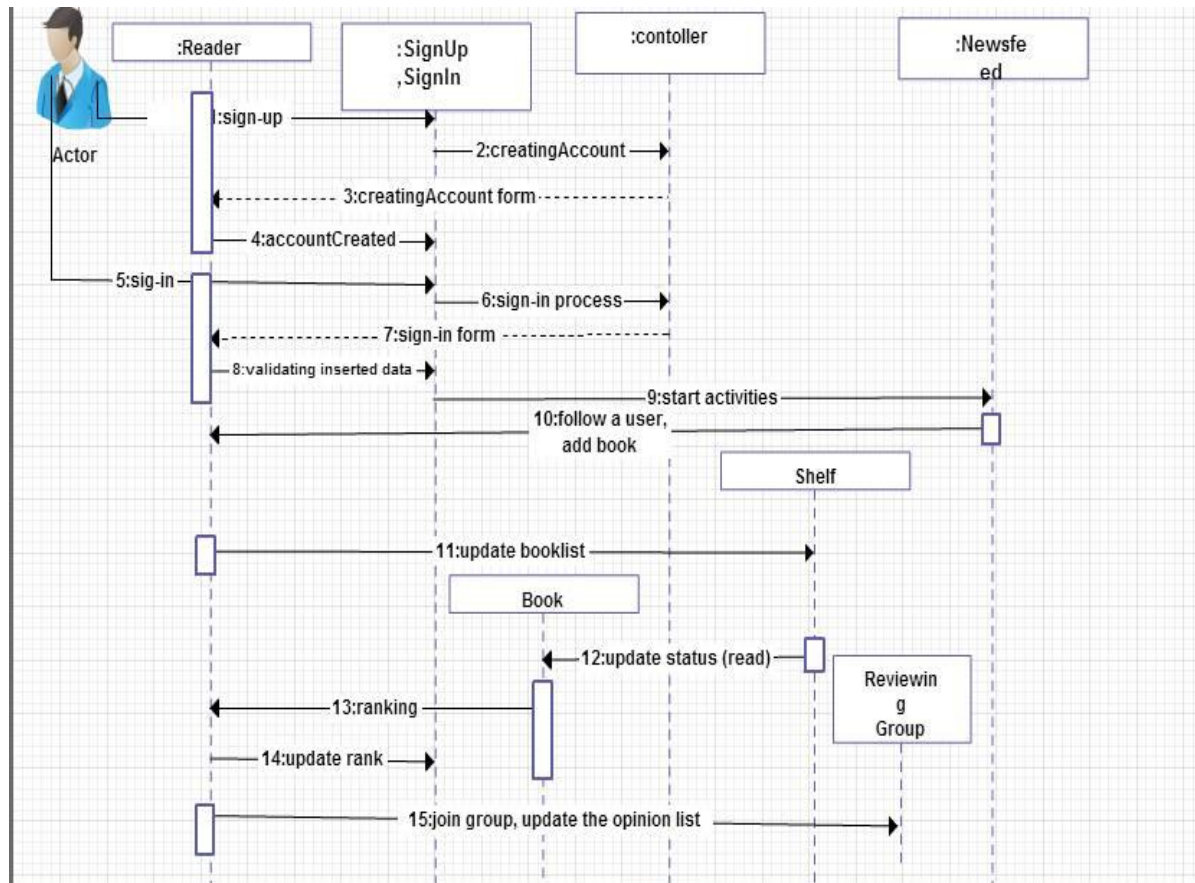


2. Class Diagram:

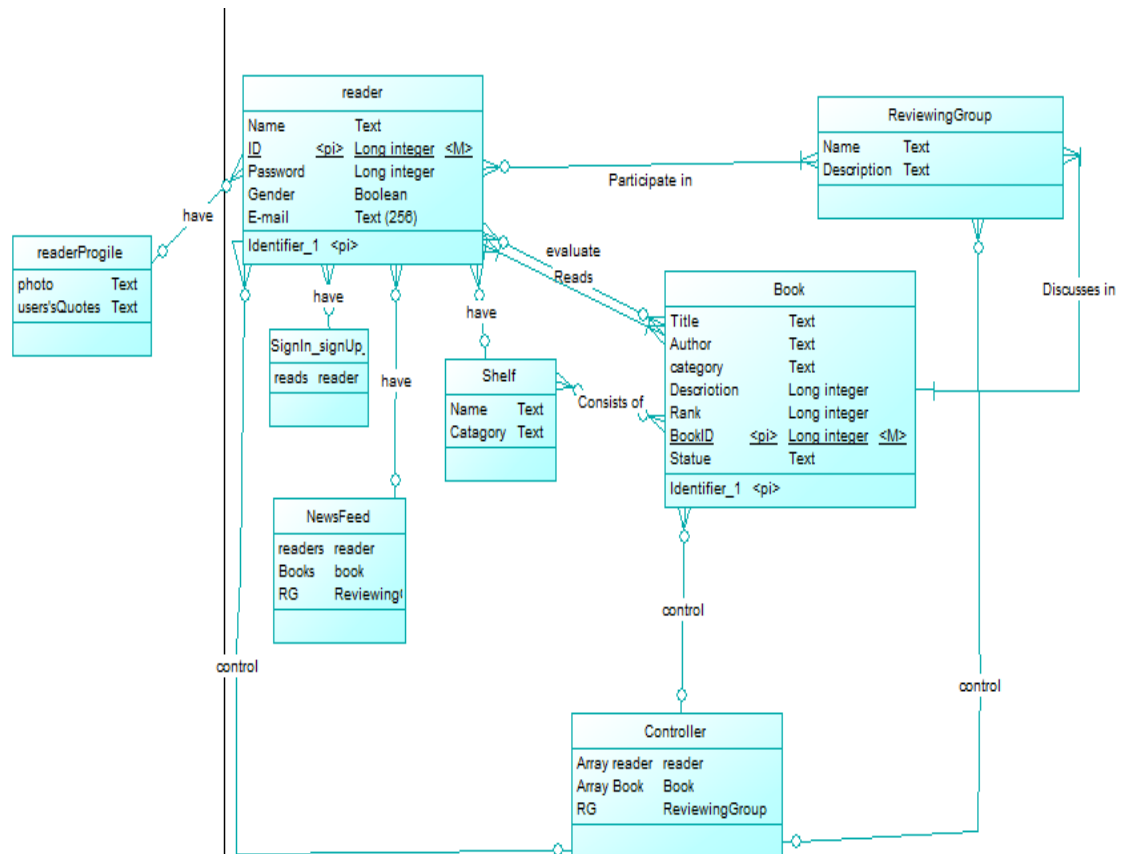


Class ID	Class Name	Description
1	Reader	This class for user. His Password, Name, E-mail, ID & Gender are saved in it. And that help him to make some operation on network like sign in, sign out, Rank books, follow people, share books and join group.
2	Book	This class for books. Its name, outer, category, ID, Statue & rank are saved in it. In this class you can update books 'ranking and small review about it.
3	Reviewing group	This class for saving Group of users and users 'opinion in a specific book.
4	Shelf	This class for updating book list and sorting it.

3. Sequence diagrams

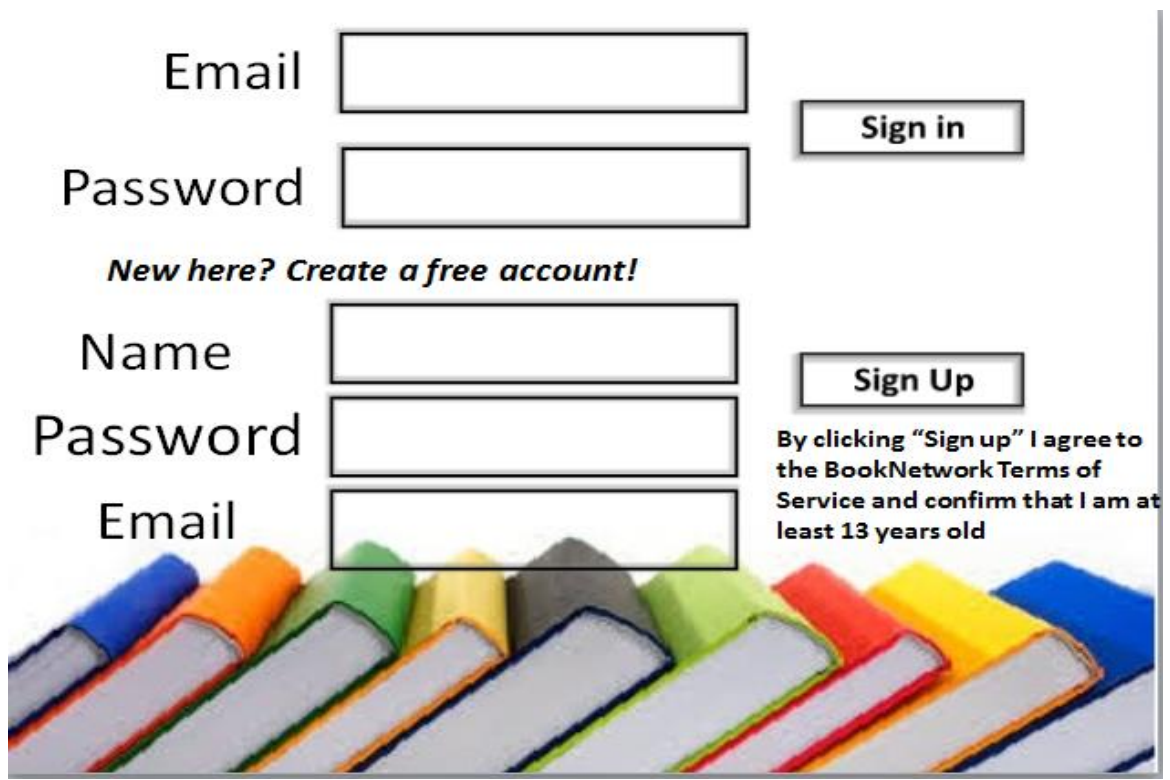


4. Physical Entity-Relationship Diagram:



■ User Interface Design

1. Sign-in , Sign-Up:



The image shows a user interface for a book network. It features two main sections: Sign-in and Sign-Up. The Sign-in section has fields for Email and Password, and a Sign in button. The Sign-Up section has fields for Name, Password, and Email, and a Sign Up button. Below the Sign-Up button is a disclaimer: "By clicking 'Sign up' I agree to the BookNetwork Terms of Service and confirm that I am at least 13 years old". The background of the Sign-Up section shows a row of colorful books.

Email

Password

Sign in

New here? Create a free account!

Name

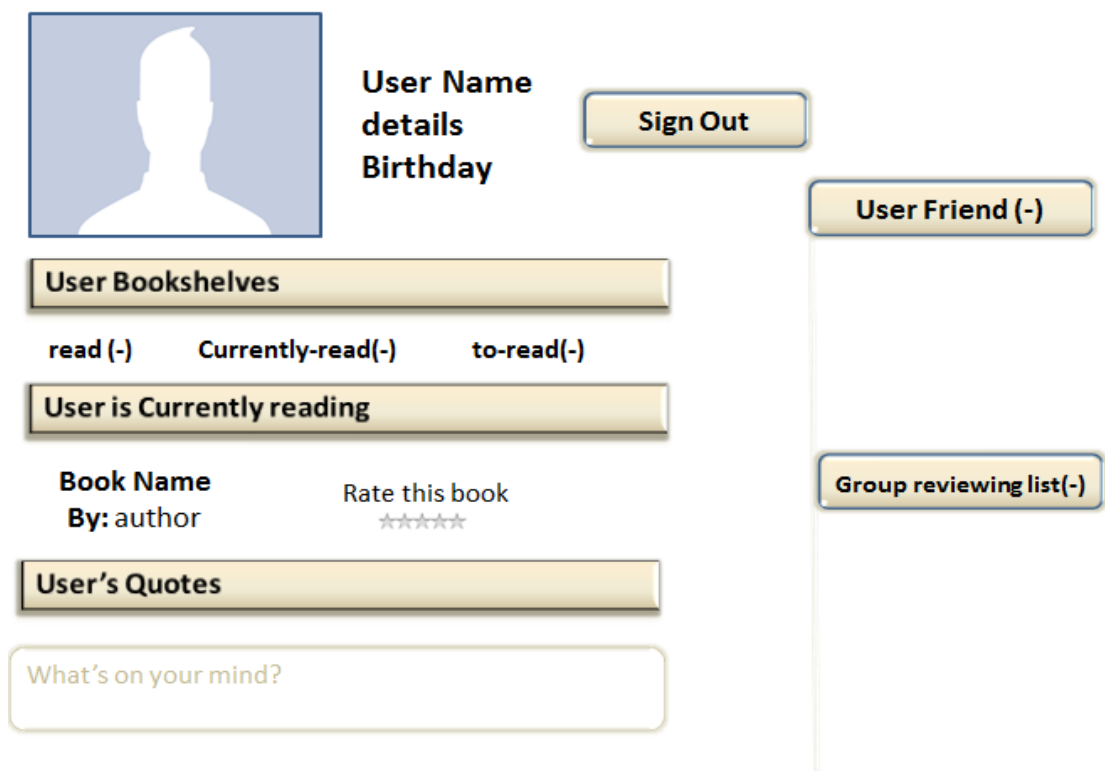
Password

Email


Sign Up

By clicking "Sign up" I agree to the BookNetwork Terms of Service and confirm that I am at least 13 years old

2. Profile



The image shows a user profile interface. It features a user profile picture placeholder, a Sign Out button, and a User Name details section. Below this is a User Bookshelves section with tabs for read (-), Currently-read(-), and to-read(-). The Currently-read(-) tab is selected, showing a list of books. The list includes a Book Name, By: author, and a Rate this book section with a star rating. The User's Quotes section is also visible, with a text input field for "What's on your mind?". On the right side, there is a User Friend (-) section and a Group reviewing list(-) section.



User Name details

Birthday

Sign Out

User Bookshelves

read (-) Currently-read(-) to-read(-)

User is Currently reading

Book Name

By: author

Rate this book

☆☆☆☆☆

User's Quotes

What's on your mind?

User Friend (-)

Group reviewing list(-)

■ **Owner report**

Item	Owners
User Interface Design, class diagram-table	<i>Soha Ragaey Mohamed</i>
<i>Sequence diagram</i>	<i>Thoria Hossam El-den</i>
Class diagram System Decomposition	<i>Nourhan Mohammed Touny</i>
Physical Entity-Relationship Diagram	<i>Reem Gamal</i>