**1.The user must be able to read a book.**

**1.1**:The user must be able to enter some keywords to search for a book on the start-up interface.

1.1.1: The user must be able to see a list of trending books.

1.1.2: The user must be able to see a list of recommended books.

1.1.1: The search history must be displayed under the searching space.

1.1.1: The search result must be displayed after the user presses the “enter” button.

1.1.2: The keyword data must be text of at least one character and less than 100 characters.

1.1.3: A list of books whose titles contain at least one of the keywords entered by the user must be shown when the keyword is searched for.

1.1.4: The book whose title contains more keywords must be ranked above those which contain less keywords.

1.1.5: The books which have been downloaded more times will be ranked above those downloaded less number of times given they all contain the same number of keywords.

1.1.6: The list of books must be shown with the cover page on the left and the title on the right.

**1.2:** The basic information about the books must be displayed properly

1.2.1: When a user clicks on the cover page of a book, the user must be able to read some basic info about the books.

1.2.2: The basic info about the books must contain the author, publishing info, reviews and other books with the same subject.

**1.3:** The user must be able to download an ebook when he clicks “read”.

**1.4:** The user must be able to read a book.

1.4.1:The book in either epub or pdf format must be able to be opened by the application.

1.4.2:The user must be able to go to the next page of the book by sliding left on the phone with a finger.

1.4.3: The user must be able to go to the previous page of the book by sliding right on the phone with a finger.

1.5:The user must be able to add the book to his bookshelf clicking on “add to bookshelf” to read the book later.

**1.5**: **The user must be able to write reviews of a book.**

1.5.1: The user must be able to write reviews of the book by clicking on the “review”  on the leftmost bottom corner of the display.

1.5.2: The review must be displayed in the personal information section.

1.5.3: The user must be able to modify a review written by himself.

1.5.4: The user must be able to delete a review written by himself.

**1.6**:The user must be able to managing his personal profile.

1.6.1: The personal profile must contain the personal information of the user, a list of books that a user have read and finished reading, books that a user have added to his personal bookshelf.

1.6.1.1: On the bookshelf, books which are read at the latest time will be shown above those which are read at an earlier time.

1.6.2: The personal information contains the name of the user and the location of the user.

**1.7**: Users’ Interaction

1.7.1: Each user must be able to view a list of facebook friends who is also using this application to read books.

1.7.2: Each of the user’s friend is displayed with the profile photo and the name.

1.7.3: Each user must be able to view a friend’s personal profile if the user clicks a friend’s name.

**2.: The user must be able to log in to his account.**

**2.1**: The user will be asked whether to log in via facebook account or sign up via a personal email account.

2.1.1: The user must be able to log into the system via facebook account if he chooses to use the facebook account.

2.1.1.1: The system will check if the facebook application is already installed on the phone and logged in.

2.1.1.2: If the facebook account is logged in on the phone, the user will be logged in to the application directly.

2.1.1.3.1: If the facebook account is not logged in on the phone, the user will first be prompted to log into the facebook account via a web page.

2.1.1.3.2: The user will then be asked to confirm to be logged in to the application.

2.1.2: The user must be able to create a new account with his email and set a password for the account.

2.1.2.1: The email account must be text with at least 10 characters and less than 30 characters.

2.1.2.2: The password must be text with at least 8 characters and less than 20 characters.

2.1.2.3: The system must be able to send a confirmation email to the email account provided by the user.

2.1.2.4: If the user clicks on the confirmation link in the email, the user will go back to the application.

2.1.2.5: The system will tell the user he has finished the registration process.

2.1.3.:

2.1.3.1: If the user has forgotten the password, the user can choose to let the

system send an email to his email account to reset password.

2.1.3.2: The user must go back to the application once he clicks on the link to reset password in the email.

2.1.3.3: The user can then enter a new password in the application.

**3.:** Wifi-connection or 4G network must be available for downloading the books

3.1: The system must display an alert to remind the user to turn on wifi or 4G network for the application if no network connection is detected.

4.: The user must be able to see “Thoughts”.

**4.1**.: Reviews of the user must be displayed.

4.2.: Reviews from the books under the same subject must be displayed.

4.3.: Reviews the public have recently posted must be displayed.

**4.2**.: The user must be able to comment on another review in the sharing space.

4.2.1.: The user must be able to modify his comments on other reviews in the sharing space.

4.2.3:  The user must be able to delete his comments on other reviews in the sharing space.