**· job title**

Zhiling Deng:Programmer，the leader of the team.

Jing Hu: Programmer

Yuxin Wei:UI Designer

Jing Sun:UI Designer

Shuming Yu:Product Manager

**Address:**https://gitee.com/streamazure/BookTrace/invite\_link?invite=5cb64c168f9c98d7272eedbfe2f08e09cda796341400029eb7993663152babc52bd74e79ae282bc42f846e2b589479b3

**·product vision**

Who need to read a lot of students and teachers as well as many reading lovers, BookStore is an open book online communication software, allows users to create their own private library, his books, reading notes and substance in the form of book crossing passed to others, and book club free talking about books, attitudes, Get the collision of ideas and the blending of knowledge. Different from reading software products such as Wechat Reading, our product focuses on creating our own book library and various ways of communication between book friends.

**·Two scenarios.**

Jackson, 20, is a graduate student in sociology. Due to the research needs, he sets reading targets for himself every semester, and enriches his theoretical knowledge and broadens his horizon by reading 20 professional books and 5 extra-curricular books.

He opened BookTrace, clicked the icon of "Book Drift" to intercept a bottle, opened the bottle to check the list of books inside, and added the 5 books he was interested in to his wish list -- extra-curricular reading. Meanwhile, he added the 20 professional books recommendedad by his teacher and that he was interested in to his wish list -- sociology books.

Entering the library, he checked out the Sociological Imagination from his sociology wish list, opened BookTrace, entered the ISBN number of the book, added it to the list, and created a note for the book. He took notes as he read, outlining the book and main ideas.

While reading, he found that the author's views were one-sided and he could not agree with them. So he clicked the icon of "Free Talk", searched for "Sociological Imagination", found the posts about the book, participated in the discussion, and wrote down his own opinion. He received many replies from his book friends, and made in-depth discussion on this opinion, and revised his opinion. When he discussed the idea with his tutor the next day, he was approved.

After reading the book, he sent the book introduction, notes and thoughts in a message bottle.

Wenping Sun, 34, is a former soldier. After his discharge, he stayed at the military academy to teach history to first-year students.

During the National Day holiday, he went to the cinema to watch the film Changjin Lake, which was deeply moved and shocked. When he returned home, he read three books: The Bloody Battle of Changjin Lake, The Decisive Battle of Korea, and Winter and the Lion. He opened BookTrace, added the three books to his "Changjin Lake" list, and wrote down his thoughts after reading them. Send it in a message bottle.

After watching the movie, he couldn't help but read several books about the war against the United States and aid Korea. These books are fuller and more shocking than the movie. As I read the recollections of 28 volunteer veterans interviewed in the book "The Bloody Battle of Changjin Lake," I burst into tears. It is my great honor to have been a Chinese soldier. It is my greatest happiness to have been a peacetime Chinese soldier."

Soon after, he received a reply from Eric, an American student, who wrote: "After reading these three books, I have a better understanding of that period of history. I admire the iron will of the Chinese soldiers and salute them!" .

When he returned to class, he recommended the three books to students and forwarded the post to the class group, encouraging students to express their opinions and feelings about books and history.

**·user stories.**

As a student, I want to be able to refer to other people's book lists and read some good books recommended by others to expand my horizons.

As a student, I want to discuss the ideas in the book with others, not just in my own world

As a teacher, I want to share a list of classic books I have read with my students and discuss ideas with them., but with other people who have professional knowledge.

As a teacher, I want to share my understanding and supplement of books with students and discuss with them.

As a lover of reading, I want to receive random lists of books shared by others, and the sense of mystery makes me happy.

As a reading enthusiast, tired of fragmented reading, I want to read a book seriously, communicate with like-minded book friends, and get spiritual satisfaction.

**Features**

·Personal Library

Personal Library is used to record information about the book collection and allows users to write notes or overall comments so that they can quickly search for books or recall content when need. It provides two ways to import book information: automatic import by scanning ISBN barcodes or manual import by users.

·Book Drift

Book Drift is used to share personal book lists or get book recommendations with others’ comments or notes. It emphasizes serendipity and randomness: the book recommendations received randomly, which is not limited by personal preference, and shared book lists will also be discovered by random users. However, users can use the book list number to share the book list to a designated person as well.

·Free Talk

Free Talk is the feature for everyone to post reading-related topics in this module, and those who are interested can join other people’s topics to discuss together. Here, users can not only share your reading pleasure, but also gain the reading experience of others.

**About Us**

Zhiling Deng: She has a good understanding of algorithms and has participated in a series of collegiate programming contests. With great passion for programming, she makes effort to implement various requirements by teaching herself.

Jing Hu: majoring in Information Security. He hopes to challenge himself and explore new area through this Course Design

Yuxin Wei,who is responsible for designing interface, xml layout, icons, etc.

Hope to master relevant technology and deepen my understanding of software development through this course design.

Jing Sun,who is responsible for the interface design of the program,

Hope to learn more about software development through this course design

Shuming Yu:As the product manager of this group, she is responsible for the definition, planning and design of software functions. She is good at teamwork and can coordinate the relationship between members to ensure the smooth progress of the project.