



جامعة جدة
University of Jeddah

CCSW-225 Human Computer Interaction

2023 2nd semester Group 2

Project

Project Title	Redesign goodreads
Assignment #	3
Submission Date	4 May 2024
Team Members	1. Raghad Mujahed ID 2211133 2. Asma Alnounou ID 2211010 3. Ahad Alqahtani ID 2113641 4. Joud Omar ID 2216610 5. Omnya Ahmad ID 2216614
Section	E

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General Project idea

The project seeks to redesign the user experience by elevating it to a more interactive and community-centric level. The overarching vision is to create a dynamic platform that not only provides access to an extensive digital library but also cultivates a thriving community of readers.

Users will have the ability to track their reading journeys and seamlessly connect with the literary pursuits of their friends. This interconnectedness goes beyond the mere sharing of book lists, extending to a more engaging and collaborative experience where users can delve into discussions, share insightful reviews, and collectively celebrate their shared passion for literature. The application provides reading challenges and other motivations to keep the user engaged, as well as chats for club members to communicate with each other.

The application provides a notable feature is the integration of a "Nearby Bookstores" function. This innovative tool empowers users to locate and support local bookstores that carry the specific books they are interested in. By bridging the gap between digital and physical reading experiences, users can also discover where to access audiobooks, or where download their desired books as e-books.

Furthermore, the redesigned application will introduce features to streamline the discovery of new reads. Advanced recommendation algorithms will offer personalized suggestions, while lists curated by the community and influencers will serve as valuable resources for users seeking diverse literary experiences.

Targeted users

- **Book Enthusiasts:** Individuals who have a genuine passion for reading and are actively seeking ways to enhance their reading experience and finding new books.
- **Review Writers:** Users who actively write and share book reviews, providing insights into their reading experiences.
- **Authors:** Writers who are seeking a platform to engage with readers, promote their works, and participate in collaborative events.
- **Book Content Creators:** Social media influencers that seek a platform for more followers to engage with.
- **Book Store Owners:** To promote their stores on the application for people who want to buy physical books.

Main Problems to Be Solved

- **The main and important interface is not user friendly.**

When the main and important interfaces of an application or website are not user-friendly, it can have significant consequences on user engagement, satisfaction, and overall success.

- **The application support only a limited number of languages.**

If the application lacks support very limited number of languages, it significantly limits its accessibility and appeal to a diverse global audience.

- **The design of the app is very old and has not changed for a long time and is not attractive to use.**

Since the app's design remains outdated and unchanged for an extended period, it not only fails to attract new users but also risks losing existing ones due to a lack of visual appeal and modern functionality.

- **The method of accessing the profile page is impractical, the user needs more than one step to reach it.**

Accessing the profile page of an application requires multiple steps, it introduces unnecessary complexity and inconvenience for users.

- **The application does not provide suggestions for places that sells books or other places to consume the material.**

When an application fails to provide suggestions for places that sell books, it overlooks a valuable opportunity to enhance user experience and cater to users' needs more comprehensively and loses an opportunity for collaborations with other businesses to increase marketability.

Data Collection

- Google form
- Interviews
- Track application users' reviews

Users Discovery

- **Social media:** Utilize hashtags and follow conversations around specific topics to connect with users who share similar interests.
- **Reading clubs:** Attend book club meetings or events organized by local bookstores or libraries. These physical gatherings provide an opportunity to meet and connect with fellow book enthusiasts in your community.
- **Family and friends:** Discover users within your existing social circle by attending gatherings, parties, or events.

Interview Questions

1. As a reader, how do you normally discover new books?
2. Have you used the Goodreads application? Describe your experience.
3. Is there anything specific feature about other reading platforms that you find lacking? Give us an example.
4. What's the feature do you like the most about the Goodreads application?
5. If you had the opportunity to change something about the application, what would you change?
6. Do you have a suggestion for a new feature or the app?
7. Do you find the interface user friendly? Why or why not?
8. Would you be interested in participating in book clubs or reading challenges within the application?
9. What motivates you or gets you excited about reading?

Online Questionnaire Link

[Online Reading Application Questionnaire](#)

The Raw Data Collected from the Users

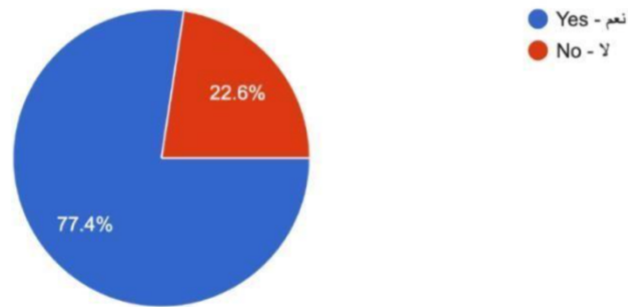
[Excel Raw Data Link](#)

Visualization of Collected Data:

Question1:

Have you used any reading applications? هل استخدمت أي تطبيقات للقراءة؟

31 responses

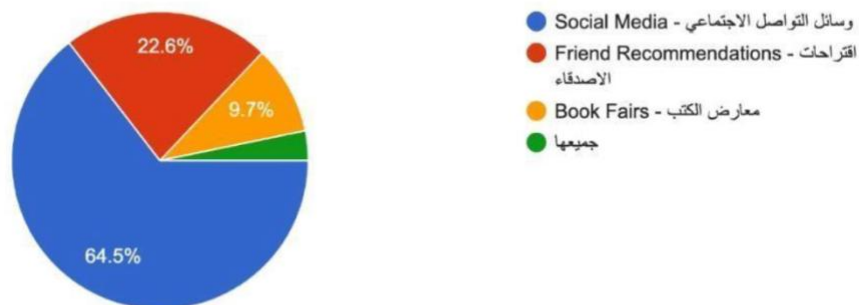


Most responses indicated utilization of reading apps, with 77.4% using them, while 22.6% did not.

Question2:

As a reader, how do normally discover new books? كقارئ، كيف تكتشف عادة الكتب الجديدة؟

31 responses

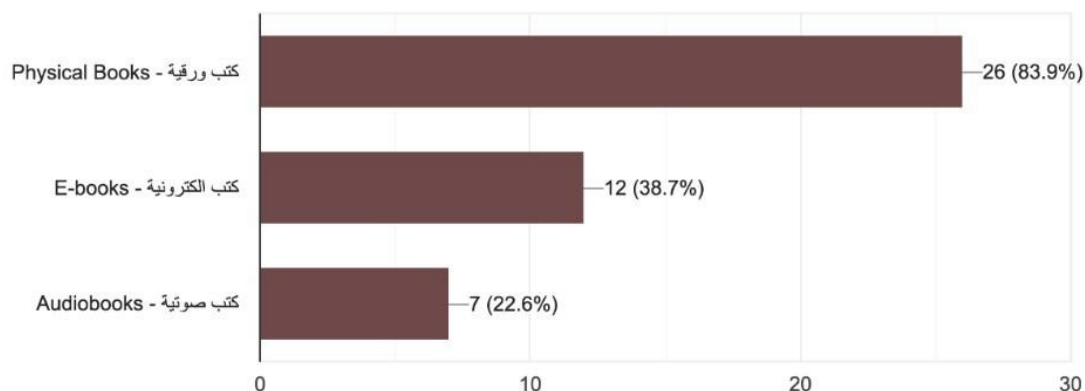


Most of the answers agreed that they discover new books through social media, at a rate of 64.5% and 22.6% through friend Recommendations, and 9.7% through Book Fairs which show us the major influence the social media does.

Question4:

How do you prefer reading books? كيف تفضل قراءة الكتب؟

31 responses



83.9% of the answers supported paper books, 38.7% preferred e-books, and 22.6% preferred audio books. This means that among the respondents surveyed, most people preferred reading paper books.

Question5:

How do you prefer discussing books? كيف تفضل مناقشة الكتب؟

31 responses



Most of the answers supported discussing books with friends, as the percentage reached 71% of the responses, while blogs and websites received 22%. A few responses did not like discussing books, while a few also liked all methods of discussing books, as book clubs did not receive any votes.

Question6:

هل من المحتمل أن تشتري كتابًا بناءً على مراجعة الكتاب؟
الكاتب؟

31 responses

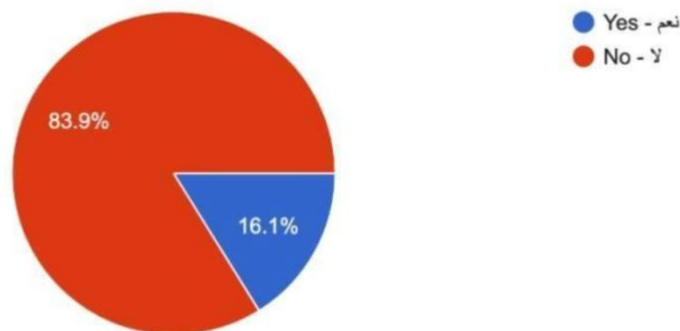


100% of responses supported purchasing books based on the book review This enhances the importance and impact of reviews

Question7:

هل أنت جزء أو مشارك في أي نادي/مجتمع للقراءة؟

31 responses



The conclusion drawn from this is that a significant majority, 83.9%, of the respondents actively participate in reading clubs or communities, while a smaller portion do not engage in such activities.

Here are the answers added for the optional short answer question:

What suggestions do you have for a new feature for the reading apps?

ما هي اقتراحاتك لميزة جديدة لتطبيقات القراءة؟

13 responses

Playlist creation by different readers that encapsulate the essence of a book

وضع ترتيب و تغيير الوان التطبيق او وضع خاصيه اختيار القارئ للشكل

A discussion space

اقتراحات الناس وتعليقاتها عنها

ان تدعم الكتب العربية

اعطاء نبذة مشوقة عن الكتاب

تعدد نسخها

برنامج كامل لجميع الكتب بغض النظر عن اختلاف مواضيع الكتب، اضافة جميع طرق قراءة الكتب منها الصوتية

تقييم الكتاب بعدها

Reading Progress Tracking

more personalized suggestions

شاملة

Interviews Summary:

Interviewer	Interview	Interview Summary
Ahad Alqahtani	Shahad Ghazi, Technical Senior Specialist, 17/2/2024	Shahad mostly discovers new books through friends and social media, such as Instagram. She does use the Goodreads application constantly to track the books she's reading, as she considers herself an avid reader. When asked about what features are lacking, she said she hasn't paid attention to the lacking features, but the feature she liked most was the fact that she could create her own shelves. The thing she wants to change about the application would be to be able to create book clubs and discuss through them freely. The new feature she wants would be a chatroom, since Goodreads does not provide that, and a recommendation on where she can claim the books she wants, either physical books or any other form of books, and she thinks that the interface can use some enhancements. Like most participants, she would also be interested in book clubs or reading challenges, and because reading is her hobby, she is always excited about finishing books which makes her motivated to start the next one.

Omnya Ahmed	Mohammed, Student at KAU, 15/2/2024	<p>She usually discovers new books from friends and family whose has same book taste as she, also as a Goodreads user she gets a recommendation from the app based on her reading history and preference. She describes her experience with the Goodreads app positively, finding it invaluable for discovering new books, tracking her reading progress, and connecting with like-minded readers. However, she feels the app lacks a robust recommendation system compared to other platforms. Her favorite feature is the virtual shelves, which helps her organize her collection and track her progress. If given the opportunity, she would improve the app's UI/UX, including Improving the app's layout and design, optimizing performance across devices. She finds the interface unfriendly, especially due to inconsistencies in design. She believes participating in book clubs and challenges within the app would be beneficial. Her motivation for reading includes exploring new worlds, connecting with characters, and learning.</p>
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Joud Omar Baqays	Rawan omar Baqays Interior design 16/2/2024	I conducted an interview with my sister, a graduate of Jeddah university ,majoring in interior design. She loves reading books from time to time and reads from many applications , including good readers because of the variety of books in it and to read the book review and Her experience with it is excellent, but she believes that there are some features that the program lacks, including the program's interface, she needs more than one step to reach the home page and when she likes a book and want to read it that does not explain where it is located to buy so this takes a lot of her time to search for it so she would like to add this feature in the application and she usually discovers books from her friends or social media. participating in book clubs or reading challenges within the application motivates her to read
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Asmaa Alnounou	Haneen Ziyad College student 12/2/2024	In a recent interview, Haneen shared her insights on discovering new books, her experience with the Goodreads application. Here is a summary of her thoughts and experiences. Haneen primarily discovers new books through book blogs and social media influencers, particularly on platforms like Instagram and TikTok, where their reviews and recommendations lead her to interesting finds. While she has used the Goodreads application to track her reading progress, she finds its interface overwhelming and believes its recommendation system could be more advanced. However, she appreciates features like the Goodreads Choice Awards for discovering popular titles. Haneen suggests updating the user interface to be more modern and user-friendly and proposes integrating audiobook
		platforms like Audible. Despite interface concerns, she participates actively in reading groups and challenges. Haneen's motivation for reading stems from the excitement of discovering new knowledge or joy in each book and the significant impact it has had on expanding her vocabulary.

Raghad Mujahed	Reem Alhaidari, Assistant department manager, 17/2/2024	I conducted this interview with my friend, who is a graduate of management and economics from King Abdulaziz University. Her favorite hobby is reading and she uses the Goodreads app. She searches for new books through social media platforms, most often Twitter. She says her experience with the app was rich and enjoyable and that her reading experience was much improved, but it lacks some features, including the ability to easily customize font styles, sizes, and formatting options. It is one of the most beautiful features of this app. Users can write reviews and rate books on Goodreads, providing valuable feedback to other readers. Not only does my friend find the app's interface easy to use, but it can include simplifying navigation, enhancing visual aesthetics, and improving the layout to provide a smoother and more enjoyable user experience. The feature you would like to add the most is adding more languages, especially Arabic. My girlfriend loves joining book clubs or reading challenges. What excites her most is curiosity and love of learning
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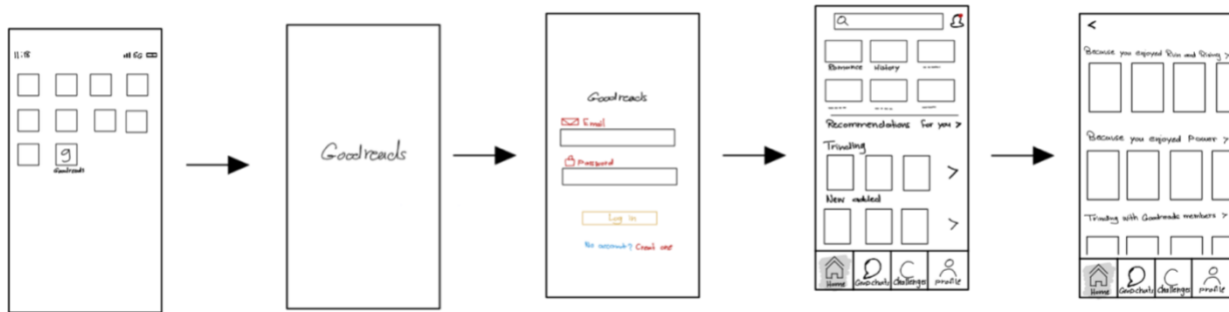
Needs, Insights, and Main Tasks

User	Insight	Need	Task
A non-English user	The user wouldn't be using the application to its full extent if it wasn't in their preferred language. Its important for the user to login and see that their language is supported	Support as many languages as possible	To supports as many languages as possible
A reader that prefers paper books	The user wants to have a paper copy to read, and this is important for them to know that their book is available at the library location. Physical interactions with other readers or workers are a must for them.	To know the places that near to the user sell books	Interactive Map: A user-friendly map interface displays the nearby locations, complete with addresses
Goodreads groups and clubs	The users would like to use a chatroom as soon as they finish a book or even a chapter, they would like to engage and discuss the events easily freely and with other readers. it is The users think important that the are chat rooms accessible.	To chat in an open accessible chat room	Virtual Literary Circle: These group chat rooms effectively function as virtual literary circles, enabling the user to talk to people who have read the same book.

User that prefers listening to books	The user prefers to listen to audio books. They like to hear when they work or does something as they are more of an auditory person than a visual person.	To provide other books alternatives (Audiobooks, etc)	Implementing a fresh addition to the application that offers links supporting audiobooks.
Goodreads user	The user has read all the books on their reading list and wants to find new books based on the genre they have been reading lately, its important that the new finds match their taste and preferences.	To provide recommendations based on reader's preferences.	offers personalized recommendations tailored to readers' preferences.
Goodreads user	The user wants the applications interface design to be more understandable and to navigate smoothly and intuitively through the features.	To Improve the app's layout and design.	Revamping the application interface to enhance user experience by simplifying the layout, expanding customization options, and maintaining design consistency throughout.

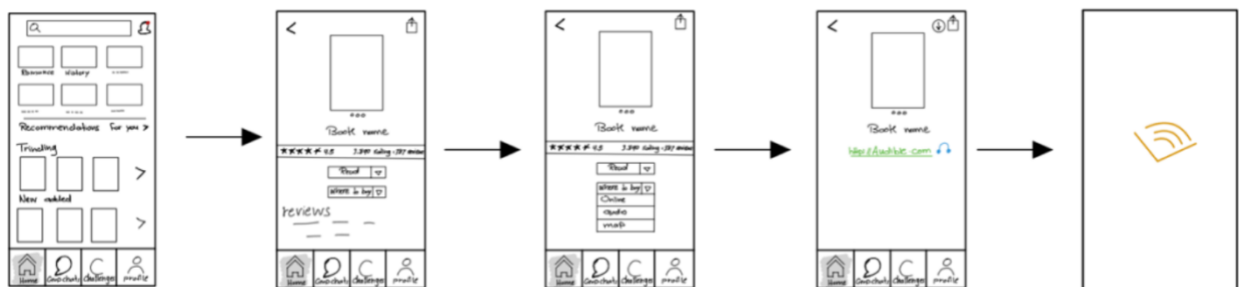
Low-Fidelity Prototyping

Recommendation Task:



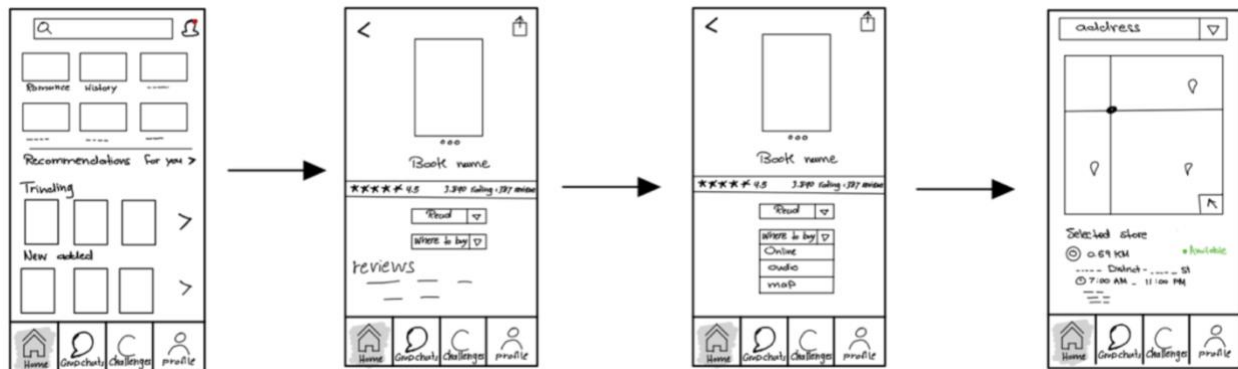
1. Home page of the device
2. Splash Screen
3. Login screen: For those who have an account, write the email and password, and click on login. For those who do not have an account, click on Create an account to be able to log in.
4. When you log in, the first screen that will appear is the home page of goodreads, which contains at the top of the screen the search engine and notifications, and there will be a group of options for the user to choose the type of book genre they want, and below that will be trending items and latest books released. The user can choose the recommendations for you option which will show more personalized options, and at the bottom of the screen it will contain a group of icons, which will be the Home button, the chat section, challenges, and Profile.
5. If you click on the Recommendation Books option, this screen will appear that containing a group of books based on what the user has read before and rated.

Audiobooks Task:



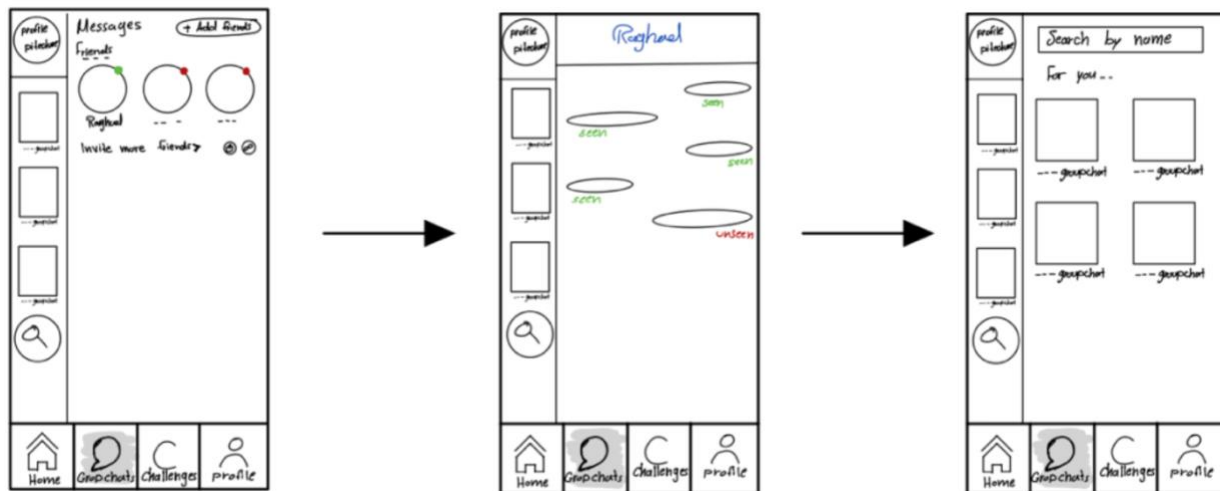
1. Homepage of goodreads
2. When you choose a book, it will show you the book's information, which is its cover, name, brief description, rating, and people's rating. There will be two options in the middle. If you click where to buy the drop-down list of options will appear.
3. If you choose the audio option, it will give you a link to the book audiobook on audible where you will be transferred to the app (if downloaded) or website.

Map Task:



1. Homepage of goodreads
2. When you choose a book, it will show you the book's information, which is its cover, name, brief description, rating, and people's rating. There will be two options in the middle. If you click where to buy the drop-down list of options will appear.
3. If you want to know the places that sell books, click on the map option and the following screen will appear.
4. The top of the screen contains a search engine to choose the city and neighborhood, and when you click on the arrow, the places available to sell books near you will appear.

Chatting Room Task:



1. On the group chat page, on the left will be every group chat the user is a participant in and a search engine option, and the friends that are added will be listed with their availability status.
2. If the user clicks on a friend's name or a group chat, the chatting room appears.
3. If the user clicks on the search option, a search engine at the top where they can search for new chat groups or new friends, and below it will be recommendations of chat groups that read the same type of books as the user.

How will the new design meet users' requirements?

The new design will meet users' requirements by addressing their specific needs and preferences as identified in the user insights. It will include features for paper book readers to easily find nearby locations selling their preferred books and libraries stocking them.

Accessible chat rooms will be introduced for Goodreads groups and clubs' users to engage in discussions easily, with group chat rooms for those who have read the same book, fostering more focused interactions. For listeners of books (audiobooks users), the interface will integrate links supporting audiobooks, catering to auditory preferences. Furthermore, a recommendation system based on reading preferences will be incorporated for users seeking new book suggestions on Goodreads, while the interface redesign will streamline layout, offer more customization options, and ensure design consistency, providing a more intuitive and user-friendly experience for all users.

High Fidelity Prototyping

The Prototype [Link](#)

Home Page and Recommendations:



1. Phone Home page.
2. Goodreads Splash Screen
3. Sign up: For those who do not have an account, they can sign in with Facebook, Amazon, Apple, or Google account, also they can create their own account to be able to log in.
4. If the user already has an account can sign in immediately, also they can sign in using his accounts in one of the other existing applications.
5. After the user log in, the first screen that will appear is the home page of Goodreads, which contains at the top of the screen the search engine, notifications, and the profile. Below it there will be a group of options for the user to choose the type of book genre they want. At the bottom of the screen, it will contain a group of icons, which will be the Home button, the chat section, challenges, and Profile.

- The user can choose the recommendations for you option which will show more personalized options. This page will include a selection of books based on the user's past readings and rating activity.

Book information:



When you choose any book, it will show you the book's information, which is its cover, name, brief description, rating, and people's rating. And there will be two options (Read, where to buy). If you click where to buy the drop-down list of options will appear (Amazon, Audible, Stores Nearby).

- If you want to order the book online, click on Amazon where you will be transferred to the app (if downloaded) or website.
- If you want link to the book audiobook click on Audible option on audible where you will be transferred to the app (if downloaded) or website.
- If you want to know the address of places that sell books near you, click on the Stores Nearby option and the following screen will appear. The top of the screen contains a search engine to choose the city and neighborhood, then the places available to sell books near you will appear.

Chat and Profile:



1. If you click on the profile icon from the navigation bar, you will get all your information and personal settings.
2. If you click on the chat icon from the navigation bar, it will show on the left you have the groups that you are part from, you can also discover other groups to discuss different subjects by clicking the search icon on the left. Above the screen you can access your chats with your friends

Challenges:



1. When you click on the Challenges icon from the bottom navigation bar, you will be taken to this page.
2. This page contains a range of available challenges that you can join.
3. This page also contains a “Create a new challenge” button that takes you to another page where you can create your own challenge.

4. This page contains a bottom navigation bar at the end that helps you easily navigate throughout the application.
5. If you click “Create New Challenge”, you can create your own challenge by adding:
 - The title of the challenge.
 - Description of the challenge.
 - Specifying the start and end time.
 - Adding the books you want to be included in the challenge.
 - Then inviting your friends to the challenge.

Application Explanation

The redesigned Goodreads application offers a seamless and intuitive user experience, focusing on simplicity and accessibility. Key improvements include a streamlined interface with clear navigation paths, making it easier for users to discover and review books. Enhanced search functionality enables users to quickly find their favorite titles or explore new ones based on personalized recommendations. The addition of interactive features such as book clubs and group chats foster a vibrant community of readers. Overall, the redesigned Goodreads app prioritizes user satisfaction and engagement.

- Contribution Log -

Team Members:

M1: Raghad Mujahed

M2: Asma Alnounou

M3: Ahad Alqahtani

M4: Joud Omar

M5: Omnya Ahmad

no.	Task	M1	M2	M3	M4	M5	Notes
1	Writing the general idea			✓			
2	Identify target users		✓	✓			
3	Writing interview questions	✓	✓	✓	✓	✓	
4	Writing online questioner questions	✓	✓	✓	✓	✓	
5	Doing the online questioner link.	✓		✓			
6	How to: Data collection.	✓	✓	✓	✓	✓	
7	How to: find users.	✓	✓	✓	✓	✓	
8	Raw Data	✓	✓	✓	✓	✓	
9	Visualization of Collected Data	✓	✓	✓	✓	✓	
10	Interviews Summary	✓	✓	✓	✓	✓	
11	Needs, Insights and Main Tasks	✓	✓	✓	✓	✓	
12	Photos of Low-Fidelity Prototyping for 3 distinct tasks	✓	✓	✓	✓	✓	
13	How will the new design meet users' requirements?	✓	✓	✓	✓	✓	
14	High fidelity prototyping	✓	✓	✓	✓	✓	
15	Application Explanation	✓	✓	✓	✓	✓	

- Log Deliverables -

	Mark	Due Date	Instructor Notes
Assignment#1			
General project idea.		Week 3	
Targeted users.			
Main problems to be solved.			
How to: Data collection.			1
How to: find users.	1		
Interview questions.	3		
Online questioner link.	3		
Assignment#2			
The raw data collected from the users.		Week 4	
Visualization of collected data.	2.5		
List of 5 needs.	1.5		
List of 5 insights.	1.5		
List of 5 main tasks.	1.5		
Assignment#3			
Photos of Low-Fidelity Prototyping for 3 distinct tasks	4	Week 5	
1-2 sentence captions for each significant screen.			
How will the new design meet users' requirements?			
Assignment#4			
High-Fidelity Interactive Prototype for 3 distinct tasks	6	Week 7	
Explanation of all interfaces			
Explanation of the designed application or system			
Assignment#5			
Final project report.		Week 7	
The presentation files.	5	Week 10	
Total	30		