



Bookzone

A

ndroid App

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Guide
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Introduction

- The site literally saves paper and trees by selling books that are already used at an affordable and genuine price. You can buy a lot of books without much burden to your wallet.
- All Bookzone Books are donated or sold by the users itself and may contain wear and tear.
- For the readers among our society, and to encourage new readers, we are developing an android application to make it easy.
- Also our survey studies includes how we can introduce it to the readers, how they can access it, how is it useful to them.
- It provide more information like the author of the book, publications and availability.

Existing System Proposed System

Existing System

Lots of reading applications are available for a reader to read. Even they use so many apps like

- Amazon kindle
- Google play books
- Aldiko
- Wattpad

all these apps do not contain the effect of reading printed books.

The existing system that is available does not compromise with what we are currently going to make but it involves google map integration which is an important aspect of collecting.

Proposed System

- consists of book details and short review about the book and a platform to sell, buy, exchange and donate books.
- This interface enables a user to chat or call another user .
- The person is made know the review by the users.
- allows user to sort out and select books according to their will.
- System enables users to chat with each other establishing a **seller-buyer relationship**



Data Design Flow



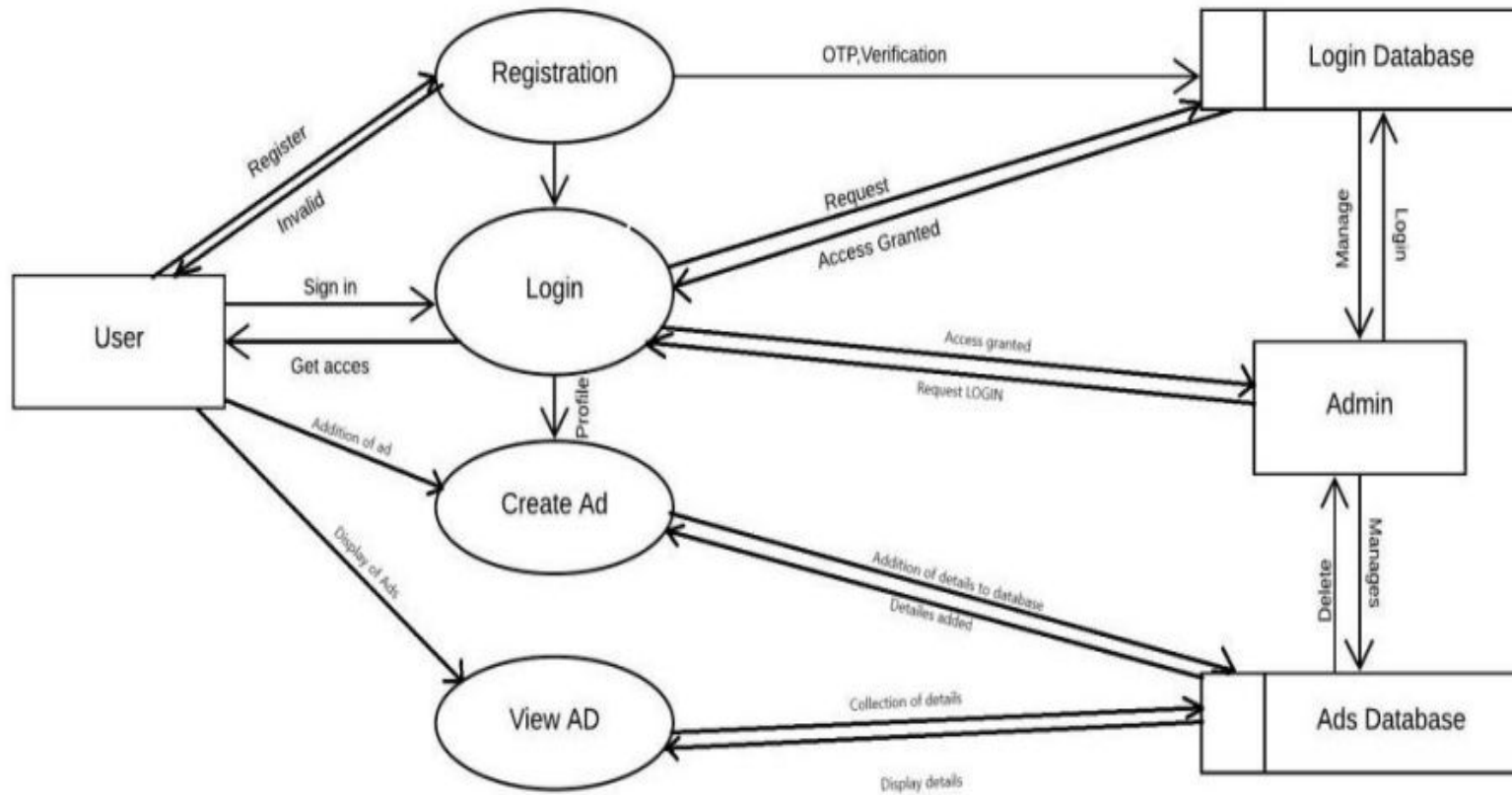


Figure 3 DFD: Level 0

Context Level

main user flows: add an item to itinerary, browse nearby sights, and prioritize.

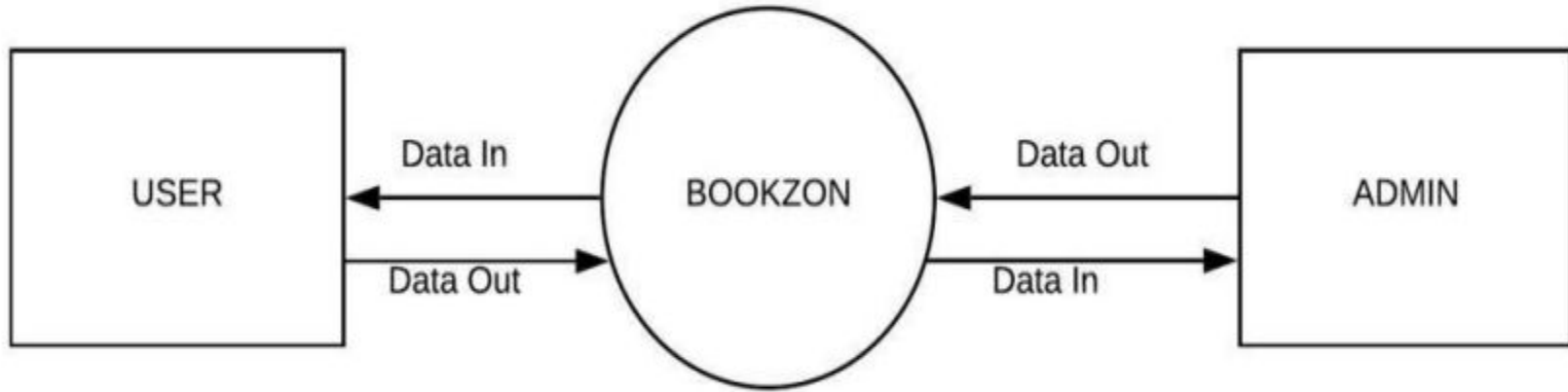


Figure 2 DFD: Context Level

DFD:LEVEL 1 [REGISTRATION]



Figure 4 DFD: Level 1(Registration)

DFD:LEVEL 1 [LOGIN]

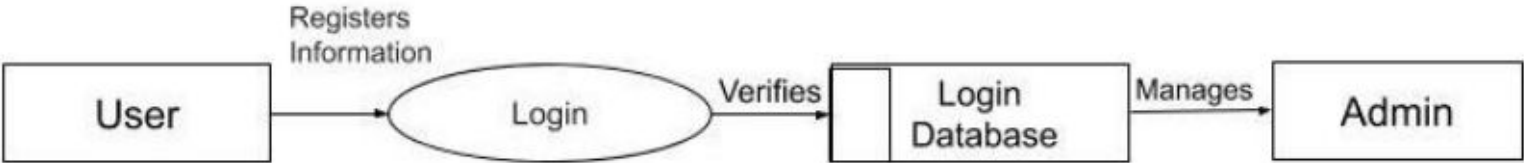


Figure 5: DFD: Level 1(Login)

DFD: Level 1 (Creating Ad):



Figure 6: DFD: Level 1(Creating Ad)

DFD: Level 1 (Viewing Ad):



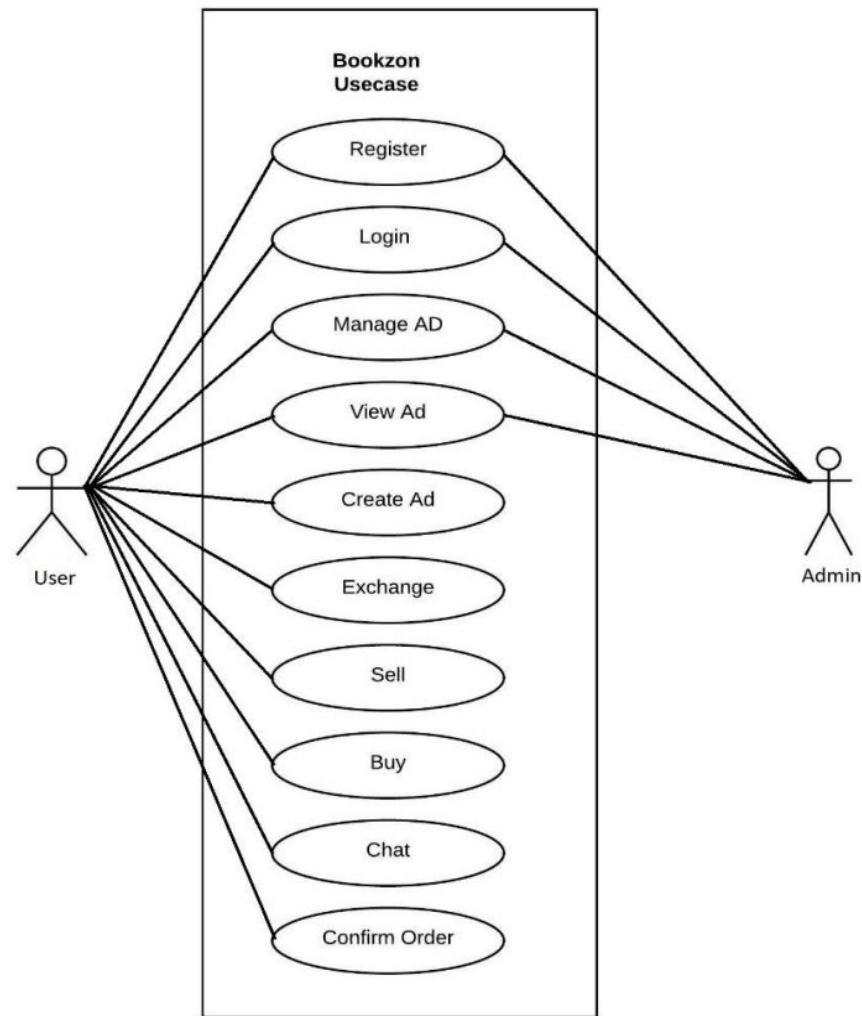
DFD:Level 1 (Deleting Ad):



Figure 8: DFD: Level 1(Deletin Ad)

Use Case Diagram

Use case diagram



ER Diagram

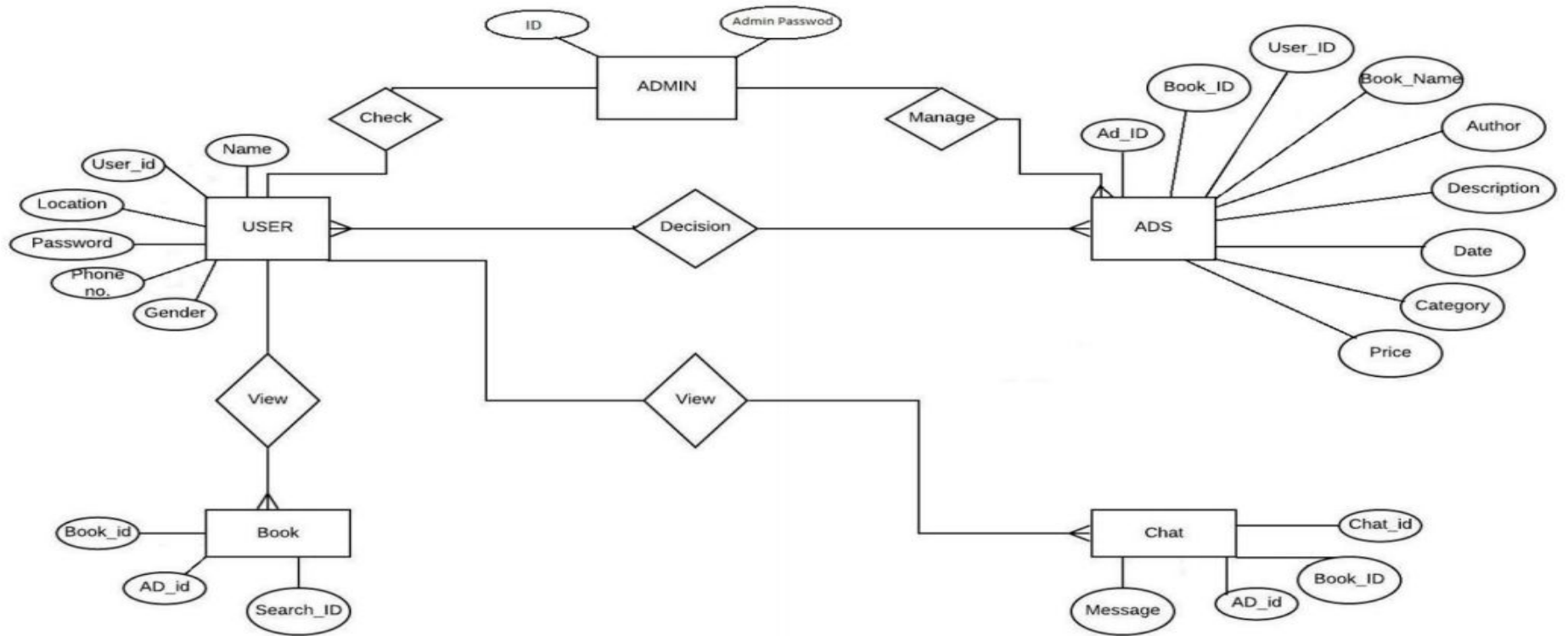


Figure 10 ER Diagram

Database Design

List of Tables

1. Admin Table
2. User Table
3. Book Table
4. Chat Table
5. Ad Table

Admin Table

| Field Name | Data type | Description | Remark |
|----------------|-------------|----------------|-------------|
| Admin_ID | VARCHAR(50) | Admin ID | Primary key |
| Admin_Password | VARCHAR(50) | Admin password | |

User Table

| Field Name | Data type | Description | Remark |
|---------------|-------------|---------------|-------------|
| User_id | VARCHAR(50) | User id | Primary key |
| User_Password | VARCHAR(50) | User password | |
| Name | VARCHAR(50) | User Name | |
| Gender | VARCHAR(25) | Gender | |
| Phone_no | INT(13) | Contact no | |
| Location | VARCHAR(50) | Location | |

Book Table

| Field Name | Data type | Description | Remark |
|------------|-------------|------------------|-------------|
| Book_id | VARCHAR(50) | Book id | Primary key |
| AD_id | VARCHAR(50) | Advertisement id | |
| Search_id | VARCHAR(50) | Search id | |

Chat Table

| Field Name | Data type | Description | Remark |
|------------|-------------|------------------|-------------|
| Chat_id | VARCHAR(50) | Chat id | Primary key |
| Book_id | VARCHAR(50) | Book id | Foreign key |
| AD_id | VARCHAR(50) | Advertisement id | Foreign key |
| Message | VARCHAR(50) | Message | |

Ad Table

| Field Name | Data type | Description | Remark |
|-------------|-------------|------------------|-------------|
| AD_id | VARCHAR(50) | Advertisement id | Primary key |
| User_id | VARCHAR(50) | Search id | Foreign key |
| Book_id | VARCHAR(50) | Book id | Foreign key |
| Book_Name | VARCHAR(50) | Book name | |
| Description | TEXT | Details | |
| Author | VARCHAR(50) | Author details | |
| Date_post | DATETIME | Date of post | |
| Category | TINYINT | Category | |
| Price | FLOAT | Item price | |



Screenshot



Home Page

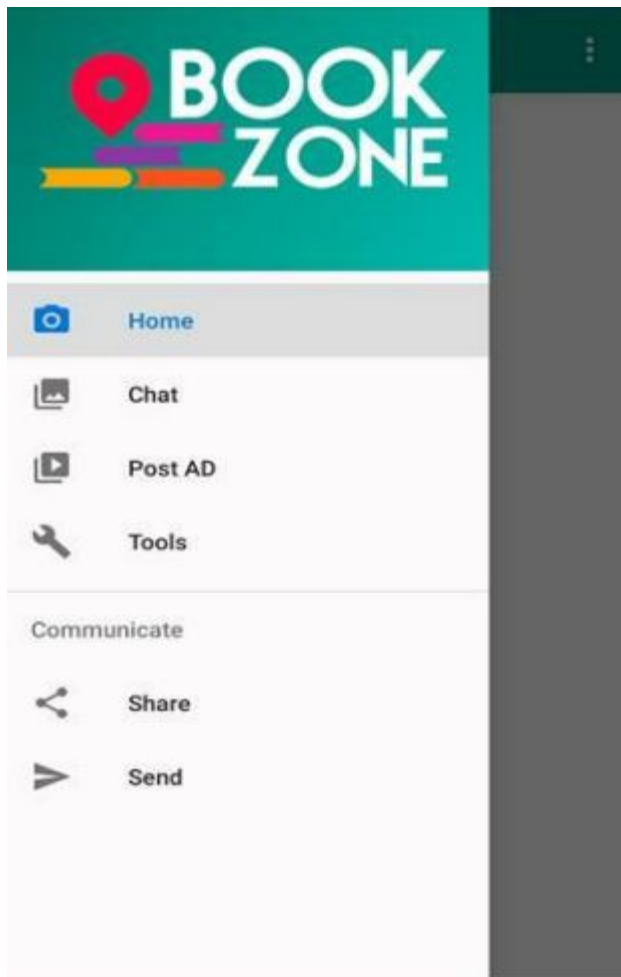


Registration page

The Registration page has a dark blue background. At the top, it says 'Sign Up' in a white, handwritten-style font. Below this are four input fields: 'Full Name', 'Phone Number' (with a '+91' prefix), 'Email', and 'Password'. A 'GET OTP' button is located next to the Phone Number field. At the bottom, there is a large green button labeled 'Sign Up' and a link that says 'Already Have Account? Login'.

Login Page

The Login page has a dark blue background. At the top, it shows the 'BOOK ZONE' logo. Below the logo are two input fields: 'Email' and 'Password'. A large green button labeled 'Login' is positioned below the Password field. At the bottom, there are two links: 'New user? Sign Up' and 'forgot password'.



20:40 4G LTE

Create Ad

CLICK AND CHOOSE PHOTO

Book Name

Author Name

Description

Post Type ▼ Price

City ▼

State ▼

POST ADS

20:46 4G LTE

Create Ad

Book Name

Author Name

Description

Post Type ▼ Price

City ▼

State ▼

Country ▼ Pincode

POST AD



Revolution 2020

The Revolution

Type: WANT Price: 299



IDUKKI



Full Knot

A brief of world history

Type: EXCHANG Price: 2500



KOTTAYAM



Maatyavikuttiyude krithy

Full Episode

Type: SELL Price: 1999



TRIVANDRUM

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Maatyavikuttiyude krithy

Full Episode

Type: SELL Price: 1999



TRIVANDRUM

EDIT

MARK AS SOLD



Full Knot

A brief of world history

Type: EXCHANG Price: 2500



KOTTAYAM

EDIT

MARK AS SOLD



Revolution 2020

The Revolution

Type: WANT Price: 299



IDUKKI

EDIT

MARK AS SOLD



MY ADS



Future Need

Nowadays, there is a rapid and spontaneous decrease in habit of reading, for both youngsters and adults. The readers are also facing a threat like depletion of books and availability of it. They are thriving to get the books which satisfy their needs. For the readers among our society, and to encourage new readers, we are developing an android application to make it easy.

Conclusion

This Final Year Project was a great opportunity for us to discover new fields and ways of working. It was very interesting since our skills were really complementary. Learning Android was truly enthralling and opened new vistas. Indeed, it forced us to understand true powers of Android in making User Interfaces, something that always interested me. I started the project with no clear objective, and my main goal at the beginning was to experiment the possibilities of combining a mobile phone with a UI. Therefore, I'm very glad to be able to finally produce a complete and working application. I learned a lot about user interaction, system response, front-end and back-end operations which is truly intimidating for a software student, but the artistic part of the project definitely broadened our horizons and I'm very thankful for that. The artistic atmosphere in which I worked clearly motivated us to try new things and gave the freedom that was needed for such a project.

Reference

1. Android API: <http://developer.android.com/reference/packages.html>
2. Android Developer's Blog: <http://android-developers.blogspot.com/>
3. Android Developer's Group: <http://groups.google.com/group/android-developers?lnk=>
4. Android Fundamentals: <http://developer.android.com/guide/components/fundamentals.html>
5. Android Training: <http://developer.android.com/training/index.html>.
6. Android User Interfaces: <http://developer.android.com/guide/topics/ui/index.html>
7. Common Tasks: <http://developer.android.com/guide/appendix/faq/commontasks.html>

Thank you