

# Online Bookstore - Bookzone

## Abstract

The best part is you will get various books of different genres that you wanted and didn't want to buy because of its cost. 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. So before putting them online they are properly checked and allotted some relevant price. Nowadays, there is a rapid and spontaneous decrease in the habit of reading, for both youngsters and adults.

Re: Topic Approval: 10 Dec 2021

## 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?link=>
- ④ Android Fundamentals: <http://developer.android.com/guide/concepts/fundamentals.html>.
- ⑤ Android Training: <http://developer.android.com/training/index.html>



## 12/12/22 Dataflow Diagram



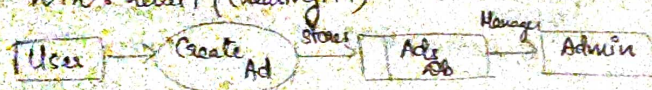
DFD: Level 1 (Registration)



DFD: Level 1 (Login)



## 14/12/22 DFD: Level 1 (Creating Ad)



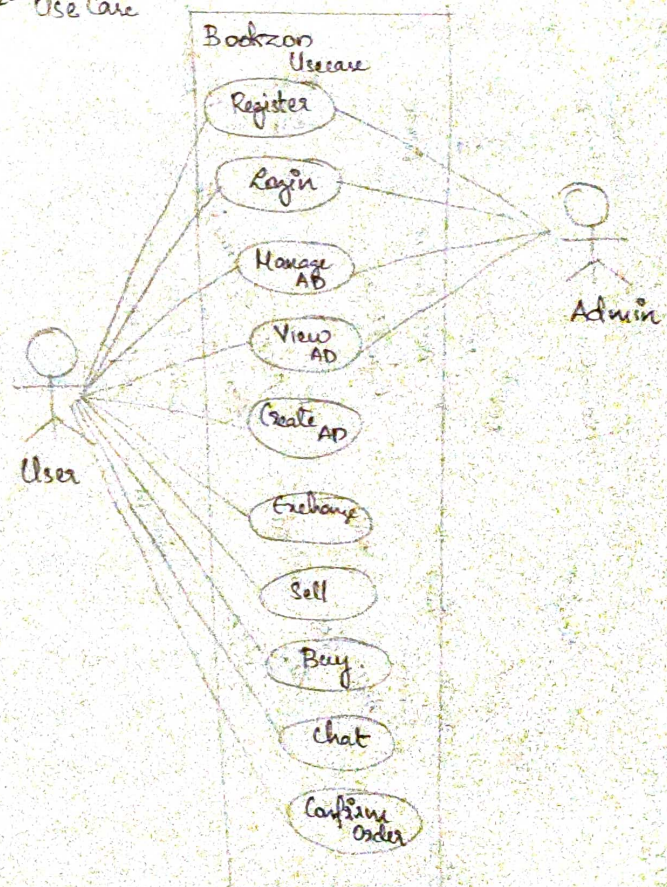
DFD: Level 1 (Viewing Ad)



DFD: Level 1 (Deleting Ad)

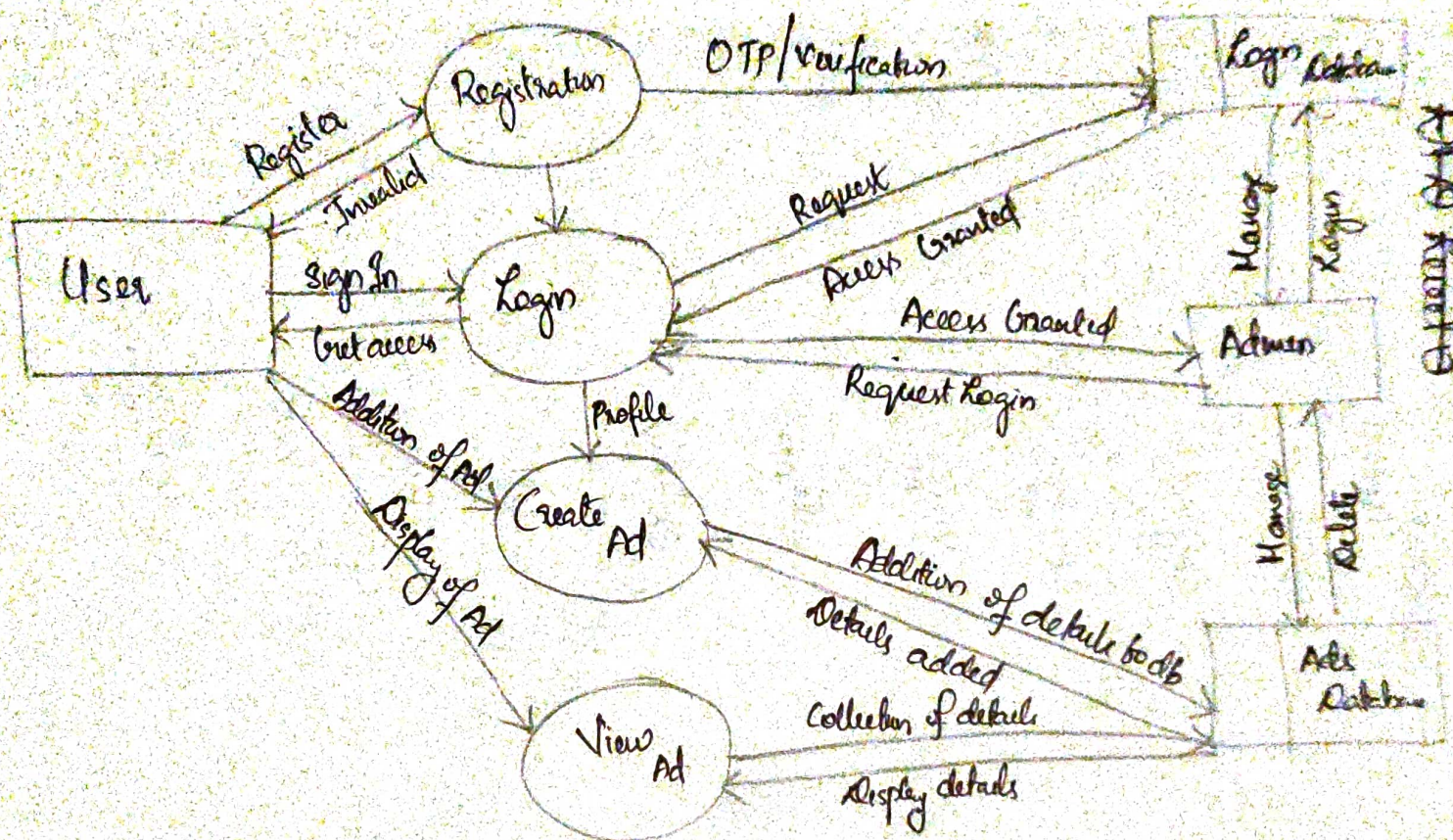


## 16/2/22 Use Case





# DFD Level 0:



15/11/22

DFD Level 0



22/12/22 Tables

### Admin Table

Field Name	Data Type	Description	Remarks
Admin ID	Varchar(50)	Admin ID	Primary key
Admin-password	Varchar(50)	Admin password	

### User Table

Field Name	Data type	Description	Remarks
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	Remarks
Book-id	Varchar(50)	Book id	Primary key
AD-id	Varchar(50)	Advertisment id	
Search-id	Varchar(50)	Search id	



## Chat Table

Field Name	Datatype	Description	Remark
Chat_id	Varchar(50)	Chat id	Primary key
Book_id	Varchar(50)	Book id	Foreign key
AD_id	Varchar(50)	Advertisment id	Foreign key
Message	Varchar(50)	Message	

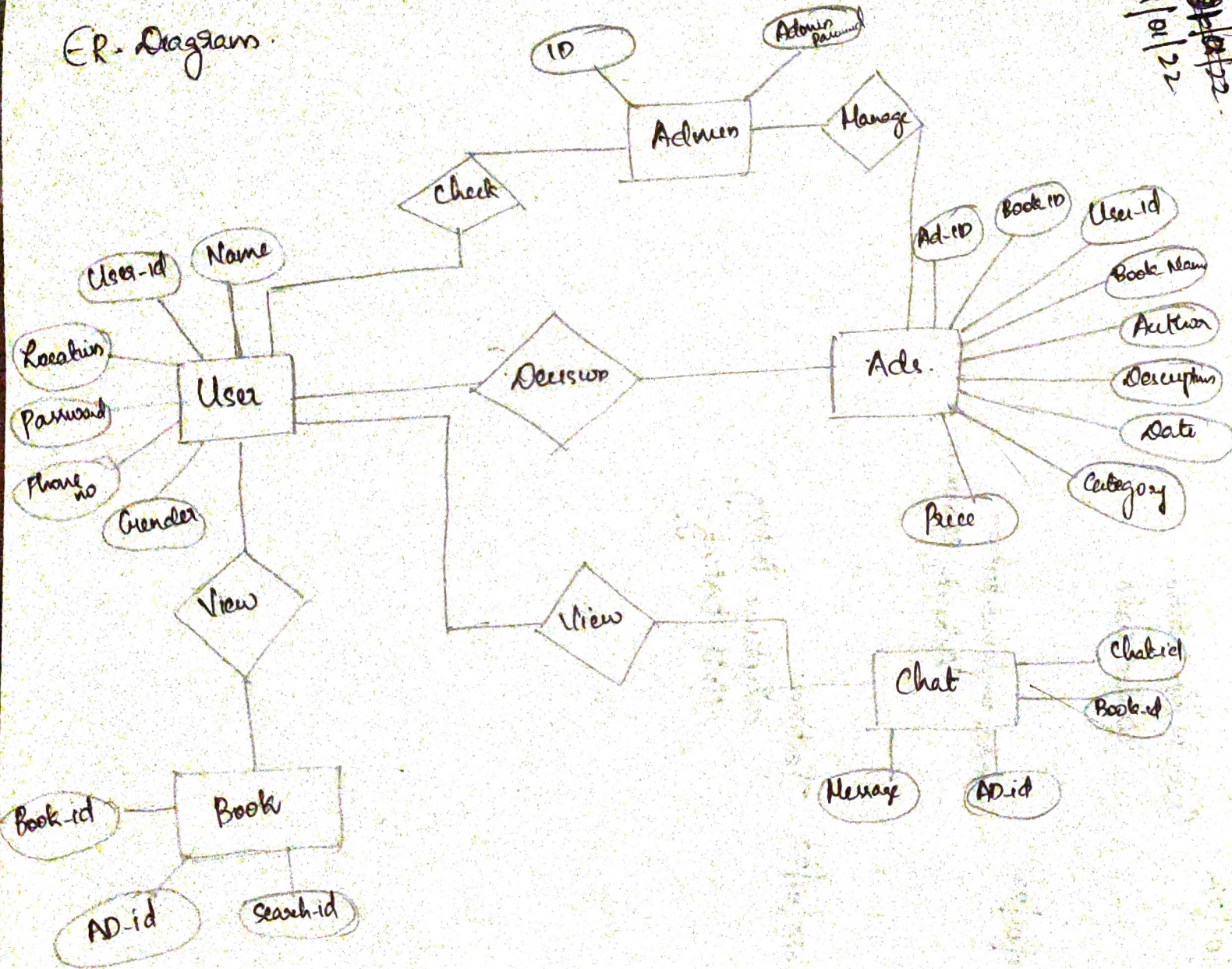
## Ads Table

Field Name	Datatype	Description	Remark
AD_id	Varchar(50)	Advertisment 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	Integer	Category	
Price	Float	Item price	



# ER- Diagram

01/01/22





5/01/22

Code implementation  
Source code.

10/01/22

Code implementation  
Activity exercises

25/01/22

Testing.

acceptance testing  
Unit testing.