

**The Online Book Zone**

*Submitted by*

**Team :- Geek Mode!**

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*Under the Guidance of*

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*In partial satisfaction of the requirements for the degree of*

**BACHELOR OF TECHNOLOGY  
in  
COMPUTER SCIENCE ENGINEERING  
with Specialization in Software Engineering**



**SCHOOL OF COMPUTING  
COLLEGE OF ENGINEERING AND TECHNOLOGY SRM  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
KATTANKULATHUR - 603203  
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## **Abstract**

The main objective of the project is to create an online book store that allows users to search and purchase a book online based on title, author and subject. The selected books are displayed in a tabular format and the user can order their books online through credit card payment. Using this Website the user can purchase a book online instead of going out to a book store and wasting time.

There are many online book stores like Powell's, Amazon which were designed using Html. I want to develop a similar website using .NET, SQL Server.

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title or author, later can add to the shopping cart and finally purchase using credit card transaction. The user can login using his account details or new customers can set up an account very quickly. They should give the details of their name, contact number and shipping address. The user can also give feedback to a book by giving ratings on a score of five. The books are divided into many categories based on subject like Software, Database, English, Architecture etc.

The Online Book Store Website provides customers with online shopping through a web browser. A customer can, create, sign in to his account, place items into a shopping cart and purchase using his credit card details.

The Administrator will have additional functionalities when compared to the common user. He can add, delete and update the book details, book categories, member information and also confirm a placed order.

This application is developed using C programming language. The Master page, data sets, data grids, user controls are used to develop the Online Book store.



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	1
<b>Title of Experiment</b>	To identify the Software Project, Create Business Case, Arrive at a Problem Statement
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

### **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## **Aim**

To frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the Online book Zone.

## **Team Members:**

<b>S. No</b>	<b>Register No</b>	<b>Name</b>	<b>Role</b>
<b>1</b>	<b>RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016</b>	<b>Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay</b>	<b>Lead/Rep</b>

## **Project Title: The Online Book Zone**

### **THE PROJECT-**

- Affordable in the Long Run
- Environment Friendly Option
- Access anytime and anywhere
- Read and Eat at the same time

### **THE HISTORY-**

- No tension of submitting issued books in the library.

- Don't have to buy specific book every time
- Can't carry it anywhere.

### **LIMITATIONS-**

- Having less experience

- Lack of Knowledge

- Need Resources.

### **APPROACH-**

- Budget to complete the project
- Have to learn required coding languages
- Have to upload reading materials/E-Books

### **BENEFITS-**

- Good Habit for your stress reduction
- Makes reading more fun
- One Device can access many books
- Affordable and easier to use
- Environmental Friendly
- Share your favourite contents with others

### **Result:**

Thus, the project team formed, the project is described, the business case was prepared and the problem statement was arrived.



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**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	2
<b>Title of Experiment</b>	To identify the Process Methodology and Stakeholder Documentation
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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**Staff Signature with date**



## Aim

To identify the appropriate Process Model for the project and prepare Stakeholder and User Description.

## Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhyay	Lead/Rep

## Project Title: The Online Book Zone

Project Stakeholder Name	Specific information Needs	Project Interests	Impact on Project	Role
Rimendra	Frequent communication	Advice for better function of Activities	Creator	Advisors
Anil	Normal communication	public Image/legislation	Influencer/supporter	Government
Shivangi	Regular communication on project's research and development	research and development	Supporter	Director, Shareholders & investors
Aman	Normal communication	Profit Growth, Price Growth	Supporter	Shareholders & Investor
Kamran	Regular communication on the customer feedback	Advises for service improvisation.	Supporter	Advisors

## Process Modal-



**Fig. Agile Model**

**Agile process model** refers to a software development approach based on iterative development. Agile methods break tasks into smaller iterations, or parts do not directly involve long term planning. The project scope and requirements are laid down at the beginning of the development process. Plans regarding the number of iterations, the duration and the scope of each iteration are clearly defined in advance.

### Result:

Thus the Project Methodology was identified and the stakeholders were described.



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**Course Name: User Interface Design**

<b>Experiment No</b>	3
<b>Title of Experiment</b>	System, Functional and Non-Functional Requirements of the Project.
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## **Aim**

To identify the system, functional and non-functional requirements for the project.

## **Team Members:**

<b>S. No</b>	<b>Register No</b>	<b>Name</b>	<b>Role</b>
<b>1</b>	<b>RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016</b>	<b>Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay</b>	<b>Lead/Rep</b>

**Project Title: The Online Book Zone**

## **Requirements**

### **1. User/System Requirements:**

- Minimum 2 GB of RAM
- Windows XP or latest
- Internet Access
- CPU- Intel i3 or higher
- Mac versions
- Latest browsers installed
- Quad-Core 1.8 GHz

### **2. Functional Requirement:**

- User Profile- Authentication of user whenever user logs into the system.
- Database- Database that stores the username, password, and other details of all its user.
- Access to Device Storage- Need to create a folder in the storage to store the data.
- Previous User History- It'll take the previous history to set the books according to your interest.
- Sync to Google Account- Syncs with your Google account to get your data like your favourite genres, saved booklists, etc.

### **3. Non-Functional Requirement:**

- Security- Use a Secure Host and keeps your Website Clean
- Portability- Must be used in any device by anybody, anywhere
- Performance- Performance should be fast and accurate
- Template- Template should be simple and easy to read by the user
- Maintenance- The ease in which the website can be modified or extended.

**Result:** Thus the requirements were identified and accordingly described.



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**Course Name: User Interface Design**

<b>Experiment No</b>	4
<b>Title of Experiment</b>	Cost Estimation Using COCOMO Model, Work Breakdown structure
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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1	Exercise	5	
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<b>Total</b>		<b>10</b>	

**Staff Signature with date**

### Aim

To Prepare Project Plan based on scope, Calculate Project effort based on resources, find Job roles and responsibilities.

### Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

**Project Title: The Online Book Zone**

### Cost Estimation

#### Modules:-

- Dashboard – 10 KLOC
- Settings – 10 KLOC
- User account panel – 10 KLOC
- Search – 10 KLOC
- Reader material - 15 KLOC
- Uploading books - 15 KLOC

**TOTAL: 70 KLOC**

**Semidetached:** A development project can be treated with semidetached type if the development consists of a mixture of experienced and inexperienced staff. Team members may have finite experience in related systems but may be unfamiliar with some aspects of the order being developed.

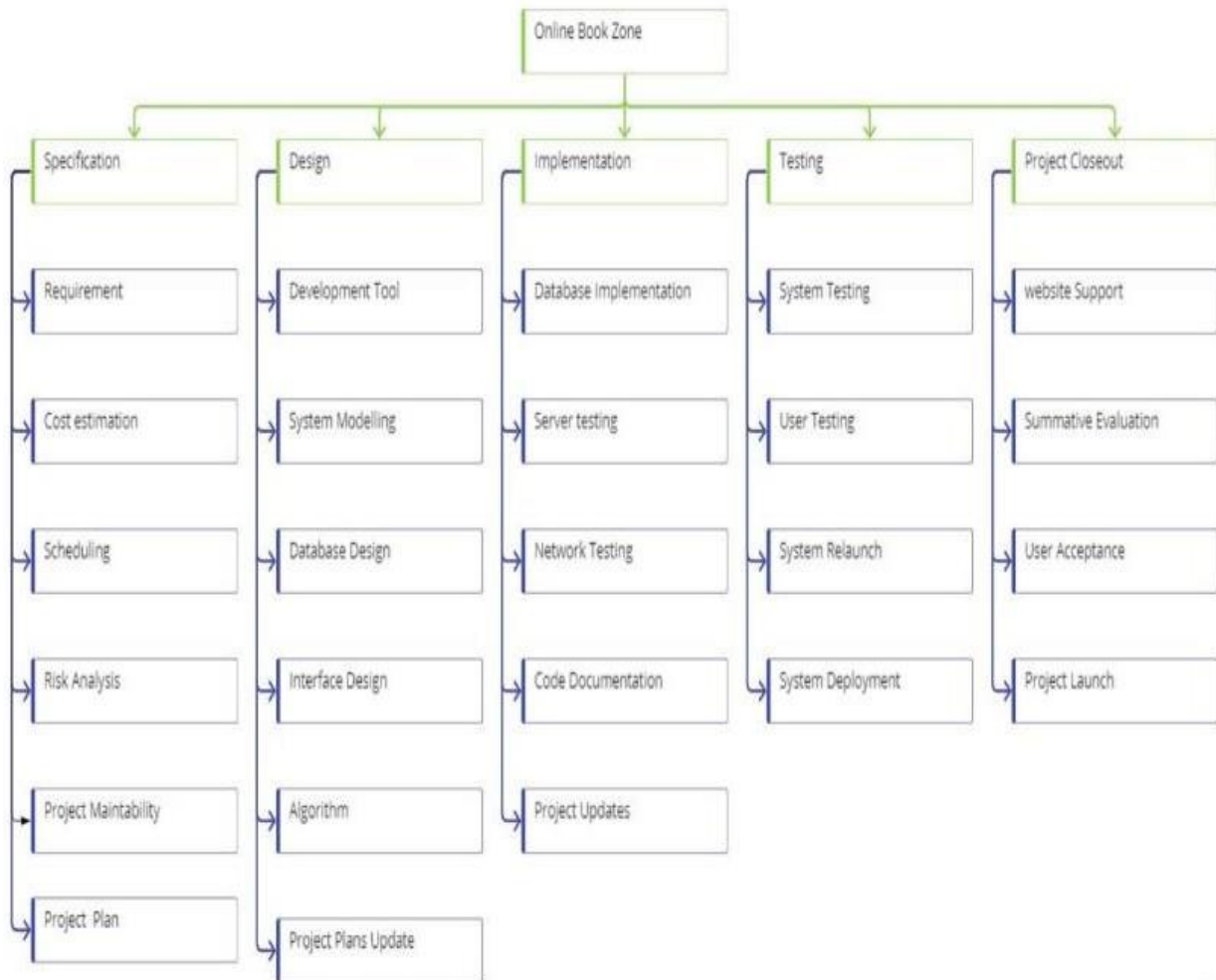
### Estimation of Effort calculations:

$$E=a(KLOC)^b=2.4*(70)^{1.05}=207.76MM$$

$$Time=c(Effort)^d=2.5*(207.76)^{0.38}=18 \text{ Months}$$

$$\text{Person required} = E/time=207.76/18=12 \text{ persons}$$

## Work Breakdown Structure



miro

**Result:** Thus, Cost Estimation Using COCOMO Model, Work Breakdown structure were successfully calculated.





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**Course Name: User Interface Design**

<b>Experiment No</b>	5
<b>Title of Experiment</b>	Prepare Timeline chart, Swot Analysis and Risk identification table.
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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**Aim**

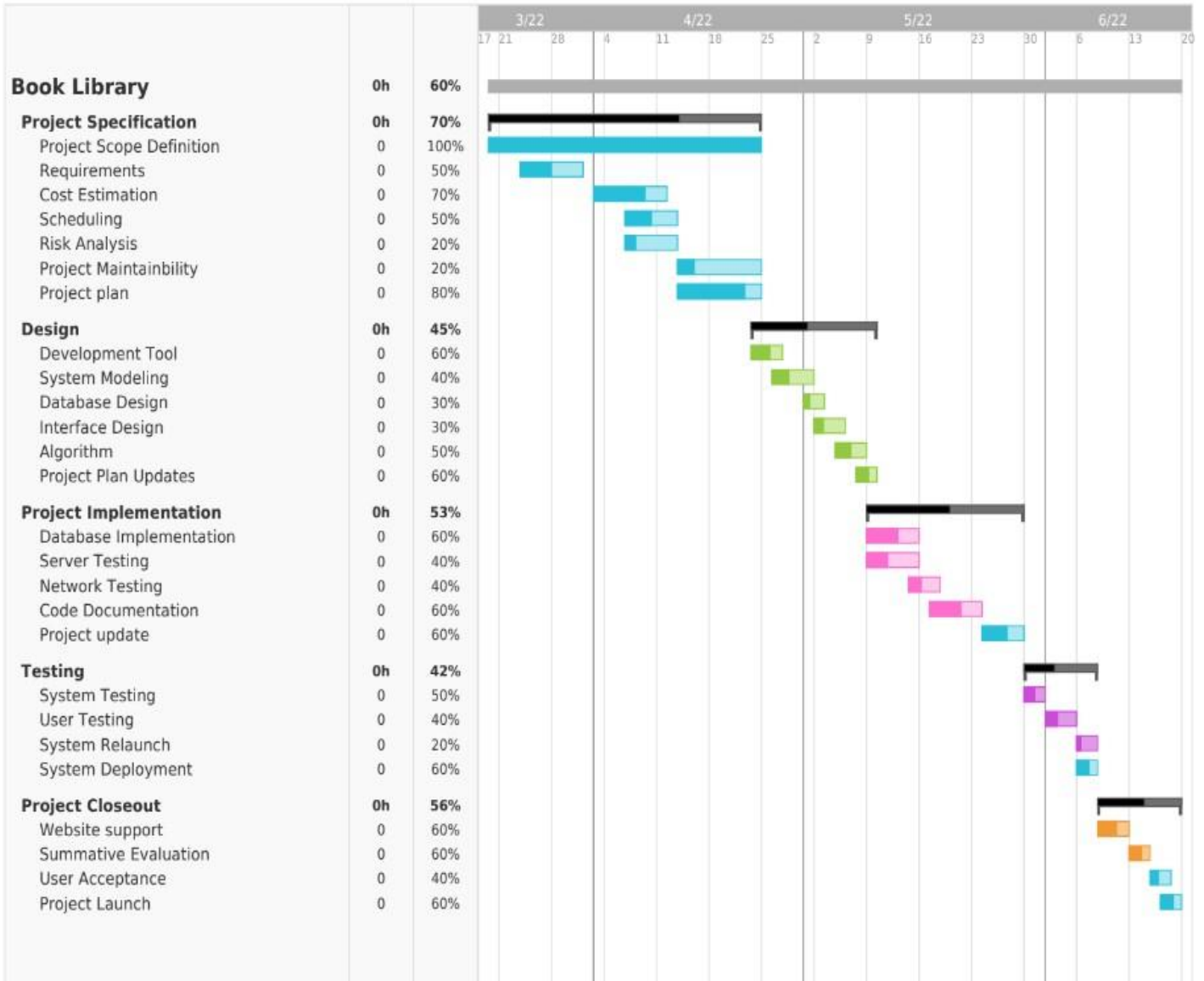
To prepare Work breakdown structure, Timeline chart, Risk identification table.

**Team Members:**

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

**Project Title: The Online book Zone**

**Timeline Gantt chart:-**



## Swot Analysis-

### Online Book Zone SWOT Analysis

**S**

- online access-anytime anywhere
- Easy to use
- Implementation of algorithm is easy
- Ease of payment

**W**

- less member in the project
- Not familiar with the codes
- low internet connection

**O**

- can be used in less data
- can be used by anyone in anywhere anytime

**T**

- The rise of free, new sites
- Competitors with better programming strategies
- existing website in market

**marcus**  
CLOTHING CO.

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## Risk Management-

Response	Strategy	Examples
Avoid	Risk avoidance is a strategy where the project team takes action to remove threat of the risk or protect from impact	Presence of similar kind of service. Low website speed.
Transfer	Risk transference involves shifting or transferring the risk threat and impact to a third party. Rather transfer the responsibility and ownership	Increase in sudden demand. Improper connection.
Mitigate	Risk mitigation is a strategy where by the project team takes an action to reduce the probability of the risk occurring. Reduces the likelihood of it becoming real.	Using of better disk drive. Using trusted providers.
Accept	Risk acceptance means the team acknowledges the risk and its potential impact, but decides not to take any preemptive action to prevent it. It is dealt with only if it occurs.	Time to time server maintenance. Using better algorithm.

**Result:** Thus, Timeline diagram, Swot Analysis and the Risk Management Table were designed successfully.



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**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	6
<b>Title of Experiment</b>	Design a System Architecture, Use Case and Class Diagram.
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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<b>Total</b>		<b>10</b>	

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## Aim

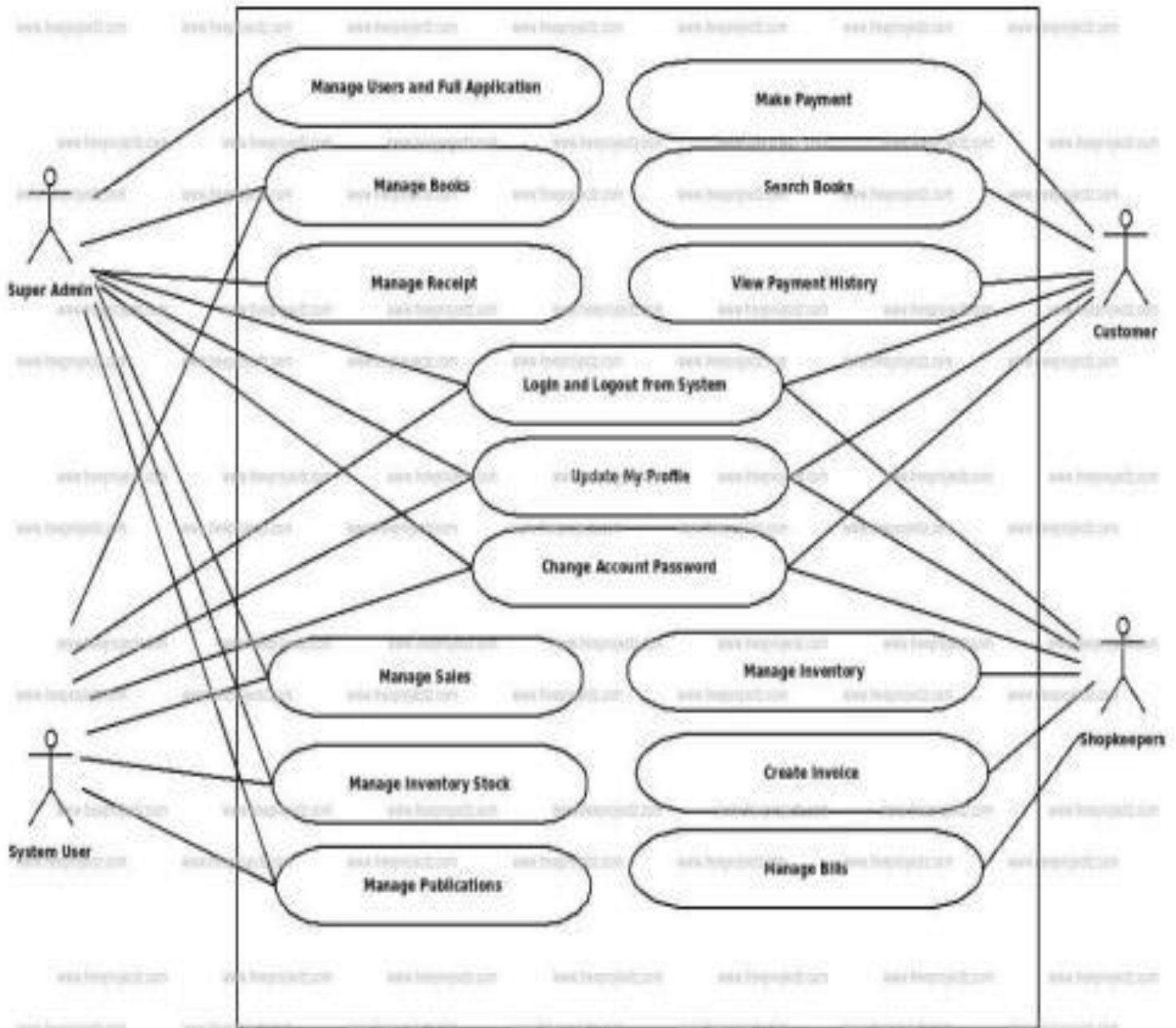
To Design a System Architecture, Use case and Class Diagram.

## Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

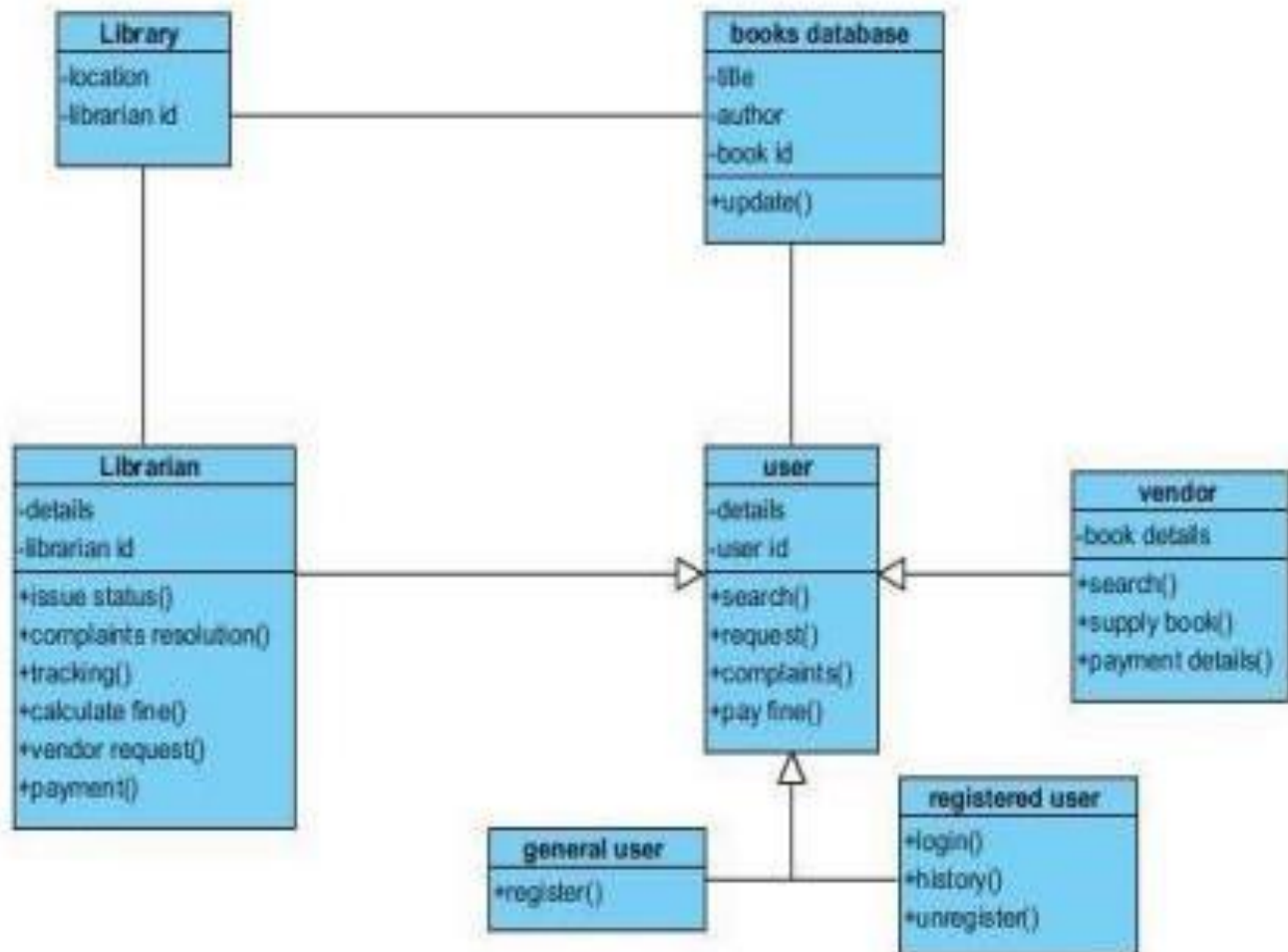
## Project Title: The Online Book Zone

### Use-case diagram:



This use case Diagram is a graphic depiction of the interactions among the elements of Book Shop Management System. It represents the methodology used in system analysis to identify ,clarify and organize System requirements of Book Shop Management System.

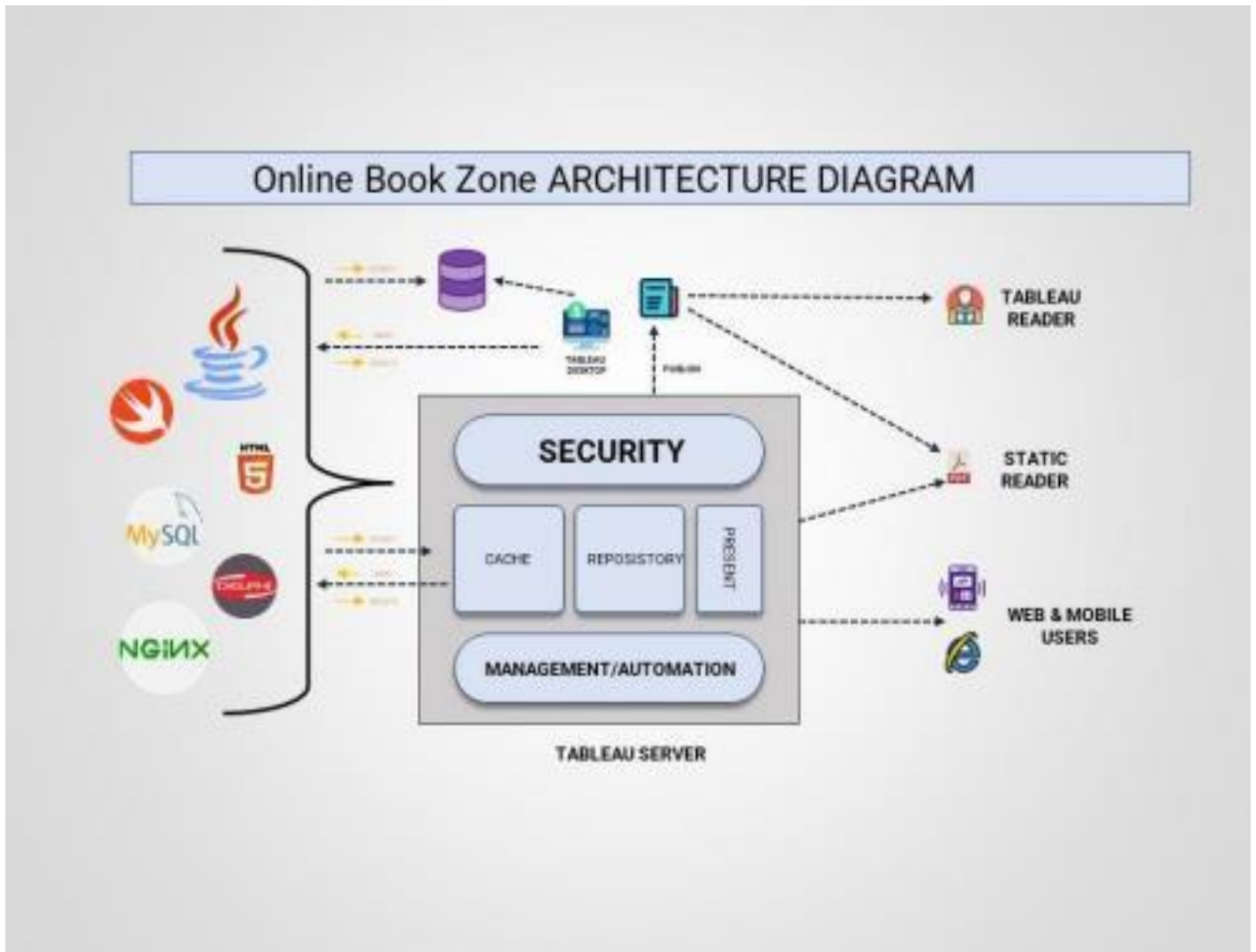
### Class diagram:



Class Diagram describes the structure of Book Shop Management Classes. Their attributes, operations and the relationships among objects.



## Architecture diagram:



This template aims to convey information about the ONLINE BOOK STORE to the audience so that they will be able to get the information which they want.

**Result:** The use-case, class and architecture diagrams for the system were designed successfully.



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**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	7
<b>Title of Experiment</b>	Design a Entity relationship diagram
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## **Aim**

To create the Entity Relationship Diagram

## **Team Members:**

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

## **Project Title: The Online Book Zone**

### Entity-Relationship Diagram:

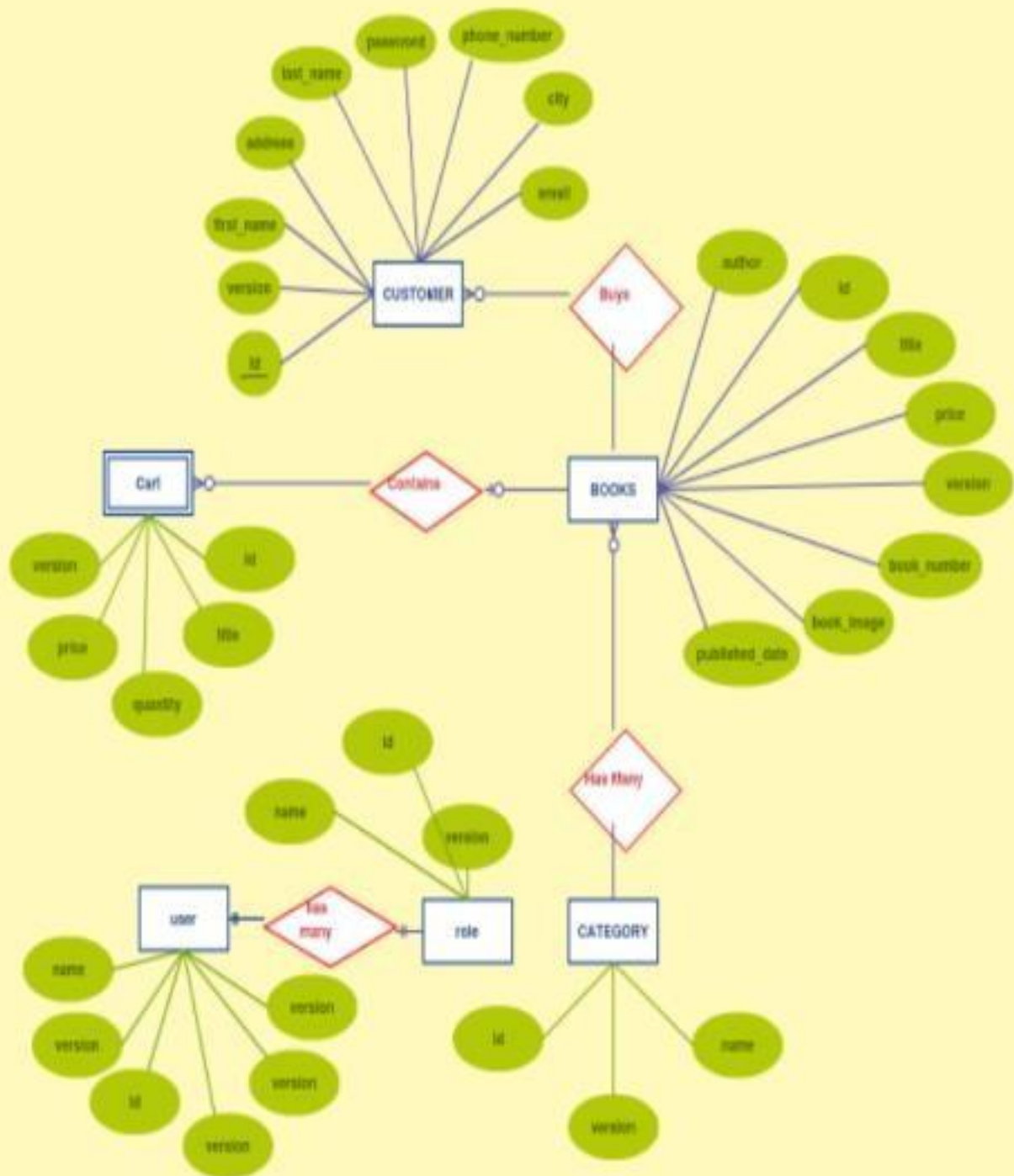
*ER Diagram* stands for Entity Relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database. In other words, ER diagrams help to explain the logical structure of databases. ER diagrams are created based on three basic concepts: entities, attributes and relationships.

*ER Model* stands for Entity Relationship Model is a high-level conceptual data model diagram. ER model helps to systematically analyze data requirements to produce a well-designed database.

*Here, are prime reasons for using the ER Diagram:*

- Helps you to define terms related to entity relationship modeling
- Provide a preview of how all your tables should connect, what fields are going to be on each table
- Helps to describe entities, attributes, relationships
- ER diagrams are translatable into relational tables which allows you to build databases quickly

## Entity Relationship Diagram of Online Book Store



## Description of Book Shop Management System Database :

- The details of Books is store into the Books tables respective with all tables
- Each entity (Publications, Sales, Stocks, Receipts, Books) contains primary key and unique keys.
- The entity Sales, Stocks has binded with Books, Receipts entities with foreign key
- There is one-to-one and one-to-many relationships available between Stocks, Inventory, Publications, Books
- All the entities Books, Stocks, Sales, Publications are normalized and reduce duplicacy of records
- We have implemented indexing on each tables of Book Shop Management System tables for fast query execution.

**Result:** The ER Diagram for the system was drawn successfully.



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**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	8
<b>Title of Experiment</b>	Develop a Data Flow Diagram (Process-Up to Level 1)
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

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1	Exercise	5	
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**Aim**

To develop the data flow diagram up to level 1 for The Online Book Zone.

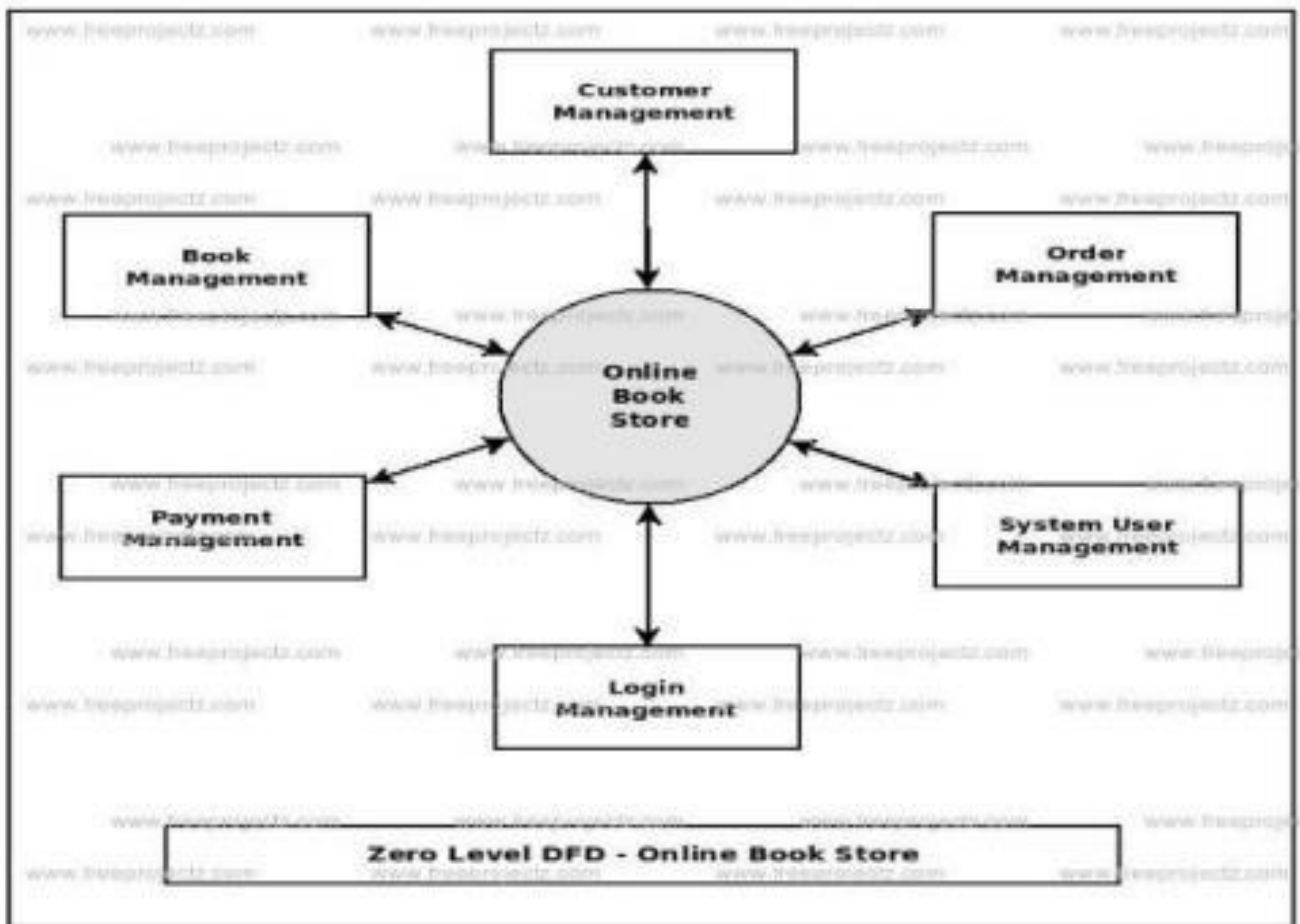
**Team Members:**

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1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

**Project Title: The Online Book Zone**

The DFD takes an input-process-output view of a system. That is, data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software. Data objects are represented by labeled arrows, and transformations are represented by circles (also called bubbles). The DFD is presented in a hierarchical fashion. That is, the first data flow model (sometimes called a level 0 DFD or context diagram) represents the system as a whole. Subsequent data flow diagrams refine the context diagram, providing increasing detail with each subsequent level.

**Zero Level Data Flow Diagram:-**





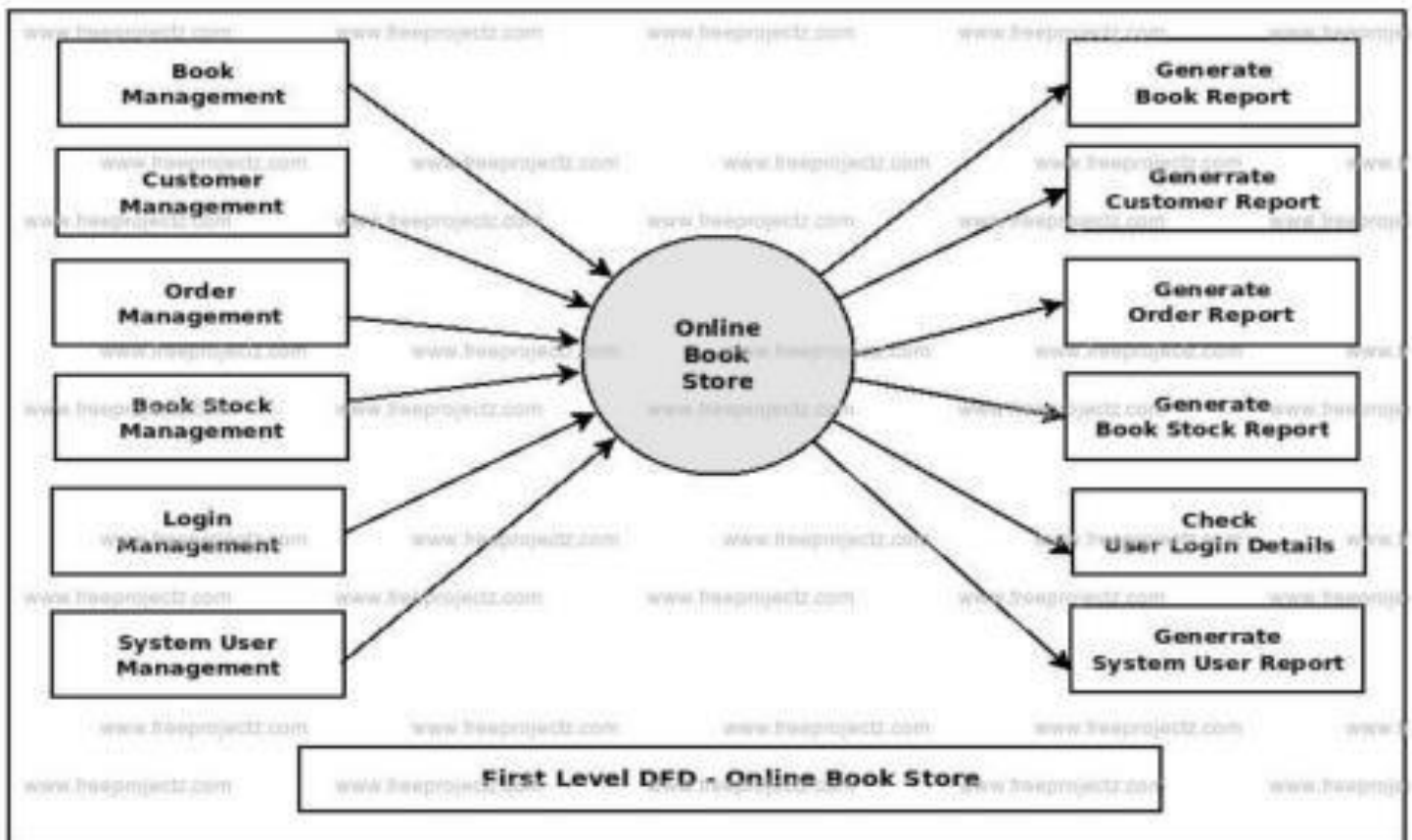
## Zero Level Data Flow Diagram(0 Level DFD) Of Online Book Store :

This is the Zero Level DFD of Online Book Store, where we have elaborated the high level process of Book Store. It's a basic overview of the whole Online Book Store or process being analyzed or modeled. It's designed to be an at-a-glance view of Bills, Book Stocks and Delivery showing the system as a single high-level process, with its relationship to external entities of Book, Customer and Order. It should be easily understood by a wide audience, including Book, Order and Bills In zero level DFD of Online Book Store, we have described the high level flow of the Book Store system.

### High Level Entities and process flow of Online Book Store:

- Managing all the Book
- Managing all the Customer
- Managing all the Order
- Managing all the Order Update
- Managing all the Bills
- Managing all the Book Stocks
- Managing all the Delivery

### First Level Data Flow Diagram:-



## First Level Data Flow Diagram(1st Level DFD) Of Online Book Store :

First Level DFD (1st Level) of Online Book Store shows how the system is divided into sub-systems (processes), each of which deals with one or more of the data flows to or from an external agent, and which together provide all of the functionality of the Online Book Store system as a whole. It also identifies internal data stores of Delivery, Book Stocks, Bills, Order Update, Order that must be present in order for the Book Store system to do its job, and shows the flow of data between the various parts of Book, Order, Book Stocks, Delivery, Bills of the system. DFD Level 1 provides a more detailed breakout of pieces of the 1st level DFD. You will highlight the main functionalities of Book Store.

Main entities and output of First Level DFD (1st Level DFD):

- Processing Book records and generate report of all Book
- Processing Customer records and generate report of all Customer
- Processing Order records and generate report of all Order
- Processing Order Update records and generate report of all Order Update
- Processing Bills records and generate report of all Bills
- Processing Book Stocks records and generate report of all Book Stocks
- Processing Delivery records and generate report of all Delivery

**Result:** Thus, the data flow diagrams have been created.



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**Course Name: User Interface Design**

<b>Experiment No</b>	9
<b>Title of Experiment</b>	Design a Sequence and Collaboration Diagram
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
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## Aim

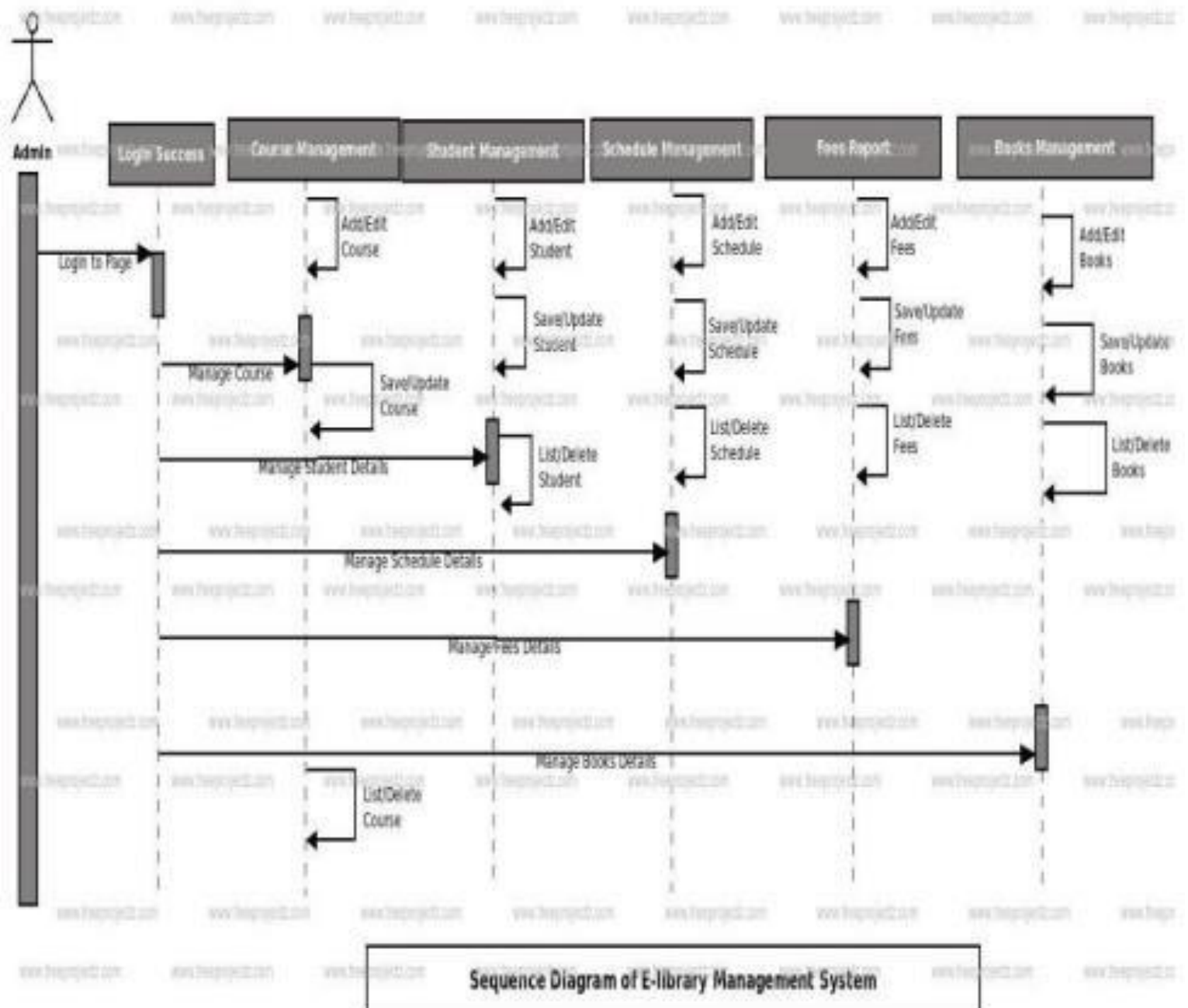
To develop the Sequence and Collaboration Diagram for Online book Zone

## Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

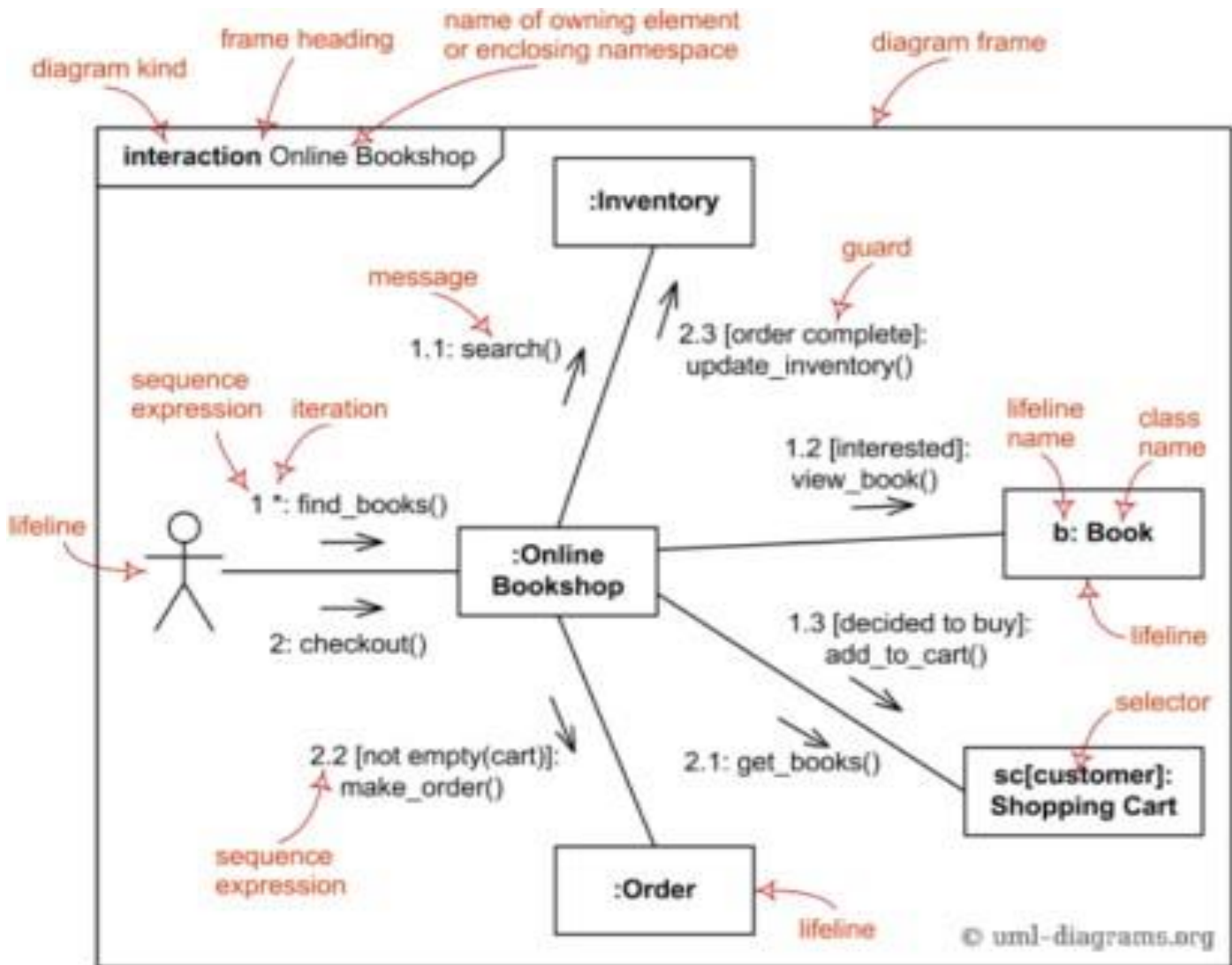
## Project Title: The Online Book Zone

## Sequence Diagram:



This shows the interaction between the objects Fees,Durations,Schedule,Students,Course.The instance of class objects involved in this Sequence Diagram.

### Collaboration Diagram:



**Communication diagram** (also known as **Collaboration Diagram**) corresponds (i.e. could be converted to/from or replaced by) to a simple sequence diagram without structuring mechanisms such as interaction uses and combined fragments.

**Result:** Thus, the sequence and collaboration diagrams were created.



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**Course Name: User Interface Design**

<b>Experiment No</b>	10
<b>Title of Experiment</b>	Develop a Testing Framework/User Interface
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

### **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## **Aim**

To develop the testing framework and/or user interface (**login system**) framework for The Online book Zone.

## **Team Members:**

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

## **Project Title: The Online Book Zone**

## **Executive Summary:-**

**Scope-** Scope of this project is to maintain a proper database of different types of book so that the online readers get proper means to get knowledge and spent their time resourcefully.

**Objective-** The Objective of this project is to create a library management system.

### **Approach -**

- I. Unit testing – Here we are testing each module and if error comes it will be solve at unit level.
- II. Integration testing – Here we are combining different modules and testing there compatibility.
- III. System testing – Here we are going to test its compatibility with different system.
- IV. Acceptance testing – Here we are going to test it with whether it will be accepting by user or whether fulfil users requirement or not.

## **Modules**

1. Sign in – In this project we have created the login page were old users can login to their id or the new users can register themselves.
2. Feature – After login, the user can directed to the new page of the site were they got the featured books and they can gross them and use them efficiently.

**Result:** Thus, the user interface framework has been created for the Online Book Zone.



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	11
<b>Title of Experiment</b>	Test Cases
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

### **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**



## Aim

To develop the test cases manual.

## Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

**Project Title: The Online book Zone.**

## Test Case:

# Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1	Verify User Sign in	Accepts Username and Password	User clicks on Login and Enter required details,Click login button	User will be logged in and redirected to home page	Pop up shows to fill all the fields/ enter in the correct format if incorrectly filled.	Pass	success
2	Buy a Book	Add book to cart	User selects a book and clicks on add to cart	Book will be added in cart	Book added in cart	Pass	success

# Non-Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1	100k Requests/ Second on the server	Able To distribute load across multiple	1.Accept incoming requests 2.Distribute the nodes using	Able to serve all requests	Unable to service requests	Failure	Revamp architect to a more scalable type
		Nodes /Server	a server hypervisor.				

## Result:

Thus, the test case manual has been created for the Online Book Zone



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	12
<b>Title of Experiment</b>	Manual Test Case Reporting
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

### **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## **Aim**

To prepare the manual test case report for The online book Zone.

## **Team Members:**

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

## **Project Title: The Online Book Zone**

Category	Progress Against Plan	Status	Comments
Functional Testing	Green	Completed	Nil
Non-Functional Testing	Amber	In-progress	Search bar has to be implemented for better user experience

Functional	Test Case Coverage (%)	Status
Module 1 Home Pag	90%	Completed

## **Result:**

Thus, the test case report has been created for the Book Online Zone.



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSE371T-E**

**Course Name: User Interface Design**

<b>Experiment No</b>	13
<b>Title of Experiment</b>	Provide the details of Architecture Design/Framework/Implementation
<b>Name of the candidate</b>	BEDANTA GAUTOM, KARAN KESHRI, SHUBHAM KUMAR, RAGHAV UPADHAY
<b>Team Members</b>	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay
<b>Register Number</b>	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016

## **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

## Aim

To provide the details of architectural design/framework/implementation

### Team Members:

S. No	Register No	Name	Role
1	RA2011033010048, RA2011033010044, RA2011033010015, RA2011033010016	Bedanta Gautom, Karan Keshri, Shubham Kumar, Raghav Upadhay	Lead/Rep

**Project Title: The Online book Zone**

**Code:**

The screenshot shows the Visual Studio Code editor with the following details:

- Explorer Sidebar:**
  - OPEN EDITORS: 1 UNSAVED
  - BOOKS WEBSITE
    - css
      - style.css
    - image
    - js
      - scripts.js
    - index.html (selected)
- Main Editor:**
  - File: index.html - books website - Visual Studio Code
  - Get Started | index.html | style.css
  - index.html > html > body > header > div.header-1 > form.search-form
  - Code content (lines 1-31):
 

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>BookZone</title>
8
9   <link rel="stylesheet" href="https://unpkg.com/swiper@7/swiper-bundle.min.css" />
10
11   <!-- font awesome cdn link -->
12   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@5.15.4/css/all.min.css">
13
14   <!-- custom css file link -->
15   <link rel="stylesheet" href="css/style.css">
16
17 </head>
18 <body>
19
20 <!-- header section starts -->
21
22 <header class="header">
23
24   <div class="header-1">
25
26     <a href="#" class="logo"> <i class="fas fa-book"></i> BookZone </a>
27
28     <form action="" class="search-form">
29       <input type="search" name="" placeholder="search here..." id="search-box">
30       <label for="search-box" class="fas fa-search"></label>
31     </form>
          
```
- Terminal:**
  - PowerShell prompt: PS C:\Users\rajes\OneDrive\Desktop\books website>
  - Message: Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>
- Status Bar:**
  - Ln 31, Col 16 | Spaces: 4 | UTF-8 | CRLF | HTML
  - Go Live | Spell | Prettier

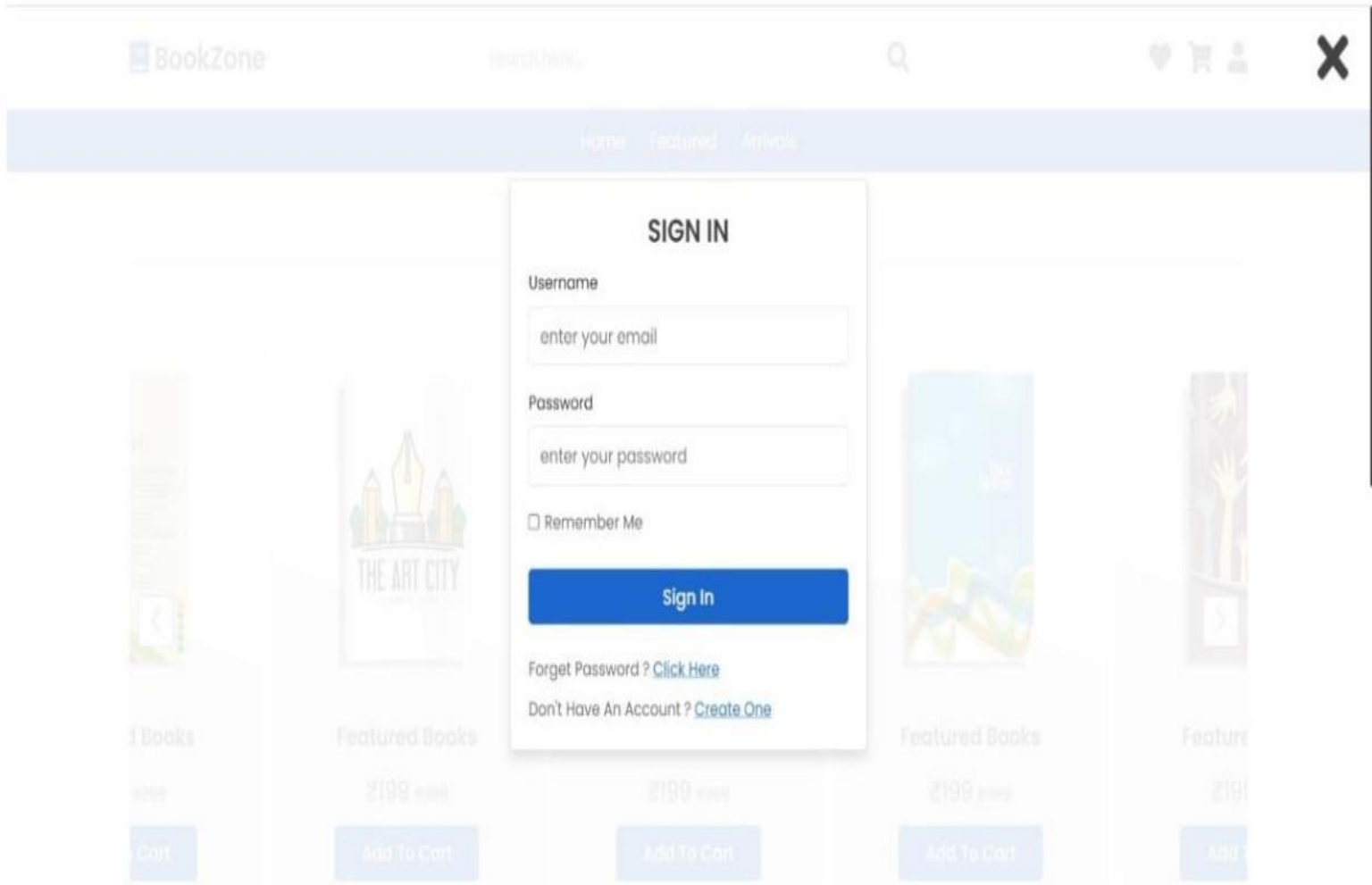






## Output-Implementation:

### 1. Login Page:-



The screenshot displays the BookZone website's login interface. A central modal titled "SIGN IN" is active, featuring input fields for "Username" (with placeholder text "enter your email") and "Password" (with placeholder text "enter your password"). Below these fields is a "Remember Me" checkbox and a blue "Sign In" button. At the bottom of the modal, there are links for "Forget Password ? [Click Here](#)" and "Don't Have An Account ? [Create One](#)". The background shows the website's header with the BookZone logo, a search bar, and navigation icons. A light blue navigation bar contains links for "Home", "Featured", and "Arrivals". The main content area displays a grid of featured books, including "THE ART CITY" and "The Little Prince", each with a price of ₹199 and an "Add To Cart" button.

BookZone

Search Here

Home Featured Arrivals

### SIGN IN

Username

enter your email

Password

enter your password

☐ Remember Me

Sign In

Forget Password ? [Click Here](#)

Don't Have An Account ? [Create One](#)

Books

Featured Books

₹199

Add To Cart

Featured Books

₹199

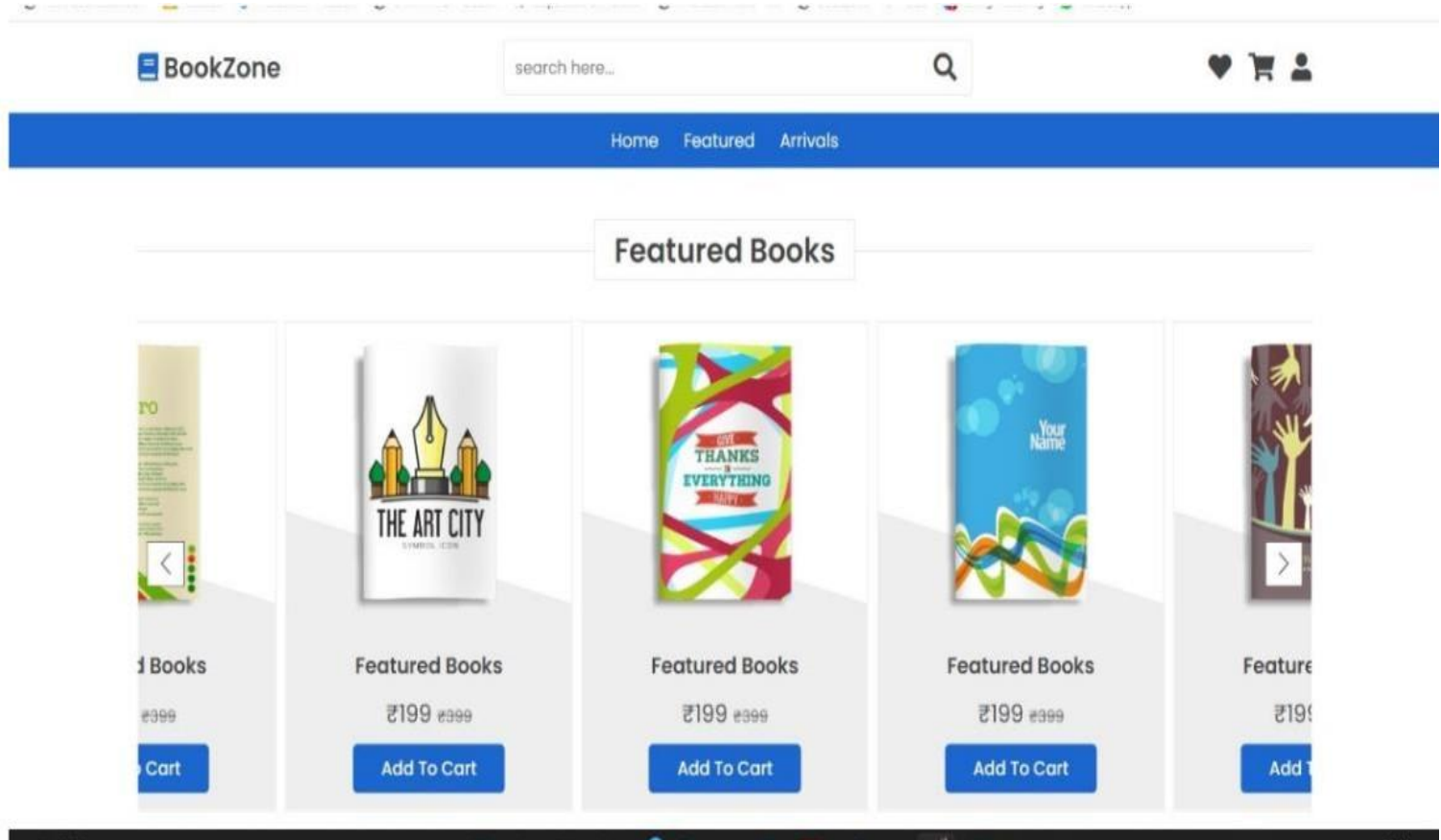
Add To Cart

Feature

₹199

Add To Cart

## 2. Home Page:-



**Result:** Thus, the details of architectural design/framework/implementation along with the screenshots were provided.

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