

COMSATS University Islamabad

Wah Campus

Department of Computer Science(SE):

Submitted To:

Dr. Wasif Nisar

Submitted By:

Name	Reg.NO
Muhammad Sami	SP23-BSE-039
Ahmer Abbas	SP23-BSE-023
Mustafa Riaz	SP23-BSE-035
Umer Jahanzeb	SP23-BSE-001
Sarim Satti	SP23-BSE-030

• Use Cases Diagram of the Project:

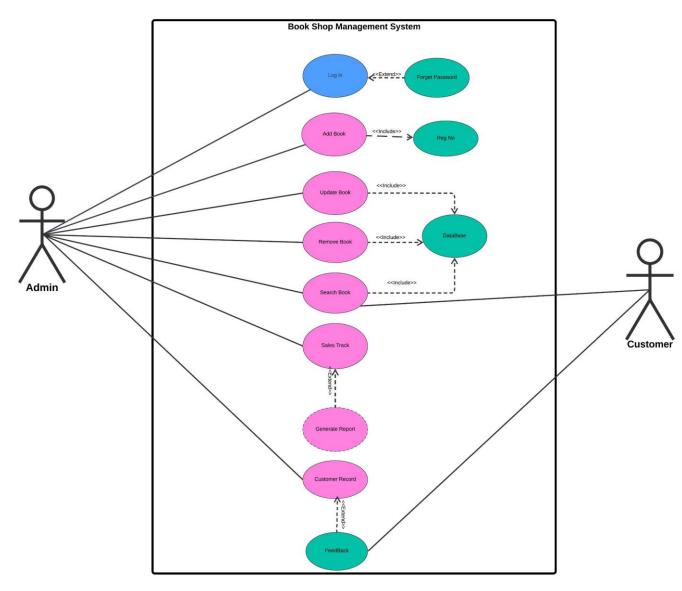


Fig1.1

USE CASES AND TRACEABILITY MATRIX

Table -1. Traceability Matrix: User Needs versus Features

Need	Features							
	Book Management	Sales Tracking	Customer Management	Reporting	Book Search	Feedback and Review Management		
Efficiently manage book inventory	x							
Track sales transactions accurately.		х						
Maintain customer information for improved service.			x					
Generate informative reports for decision-making.				x				
Enable quick and accurate book searches.	x				х			
Gather and manage customer feedback effectively.			X			X		

USE CASES AND TRACEABILITY MATRIX

Table -2. Traceability Matrix: Features versus Use Cases

Features	Use Cases							
	Add book	Update book	Remove book	Search book	Sales Track	Generate Report	Customer record	Feedback
Book Management	х	х	х	х				
Sales Tracking					х	х		
Customer Management							х	x
Reporting						х		
Book Search				х				
Feedback and Review Management							х	х

Table 3. Traceability Matrix: Features versus Supplementary Requirements

Features	Supplementary Requirements						
	Scalability	High Availability	Security	Responsiveness	Aesthetics		
Book Management	х						
Sales Tracking		х					
Customer Management	х		х				
Reporting				х	х		
Book Search	x	x		х			
Feedback and Review Management				х	х		