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:_
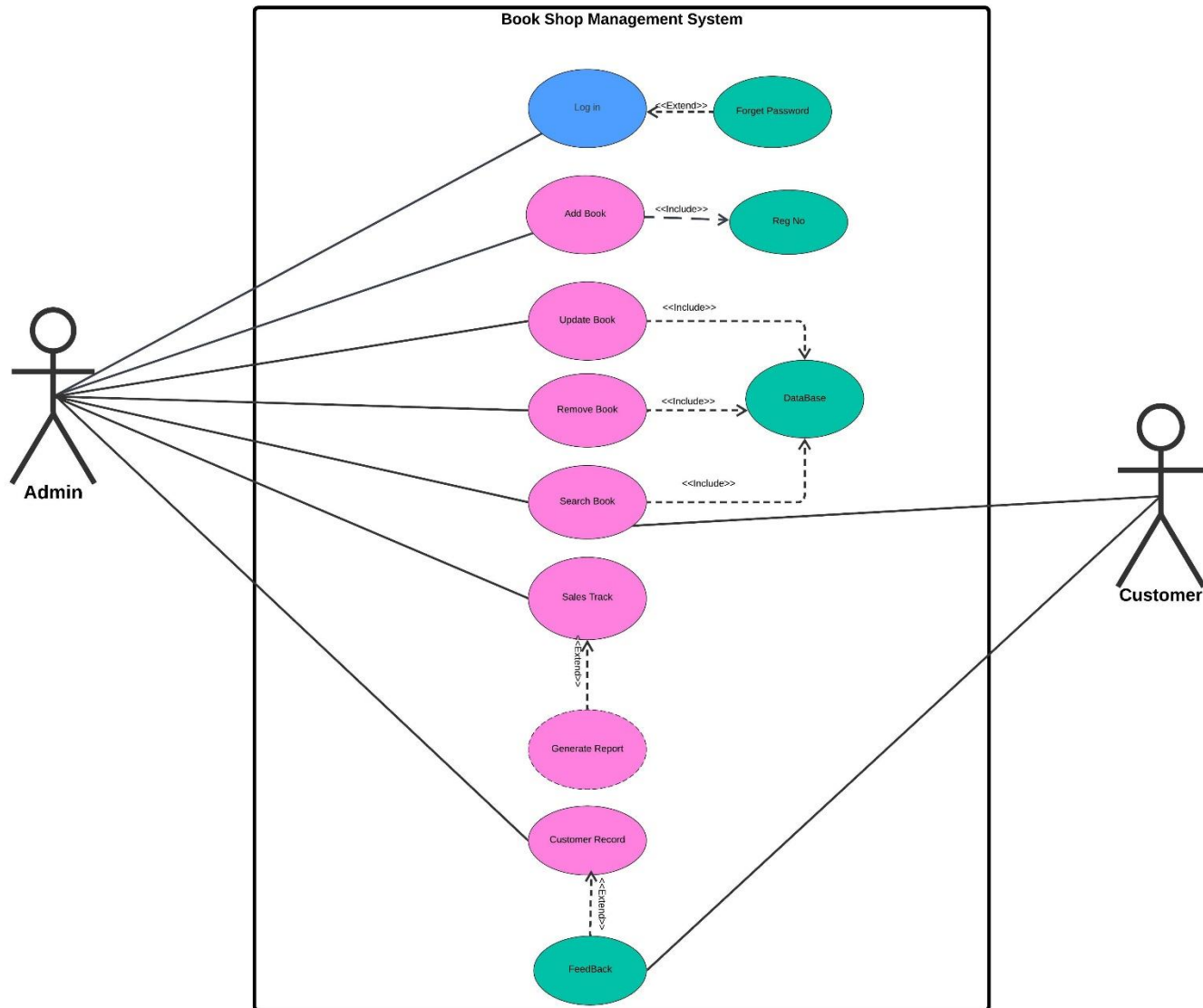
Fig1.1

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.		X				
Maintain customer information for improved service.			X			
Generate informative reports for decision-making.				X		
Enable quick and accurate book searches.	X				X	
Gather and manage customer feedback effectively.			X			X

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	x	x	x	x				
Sales Tracking					x	x		
Customer Management							x	x
Reporting						x		
Book Search				x				
Feedback and Review Management							x	x

Table 3. Traceability Matrix: Features versus Supplementary Requirements

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