



Dhahran E-Shipping System

SWE445: Secure Software Project Presentation

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Group 4

Outlines

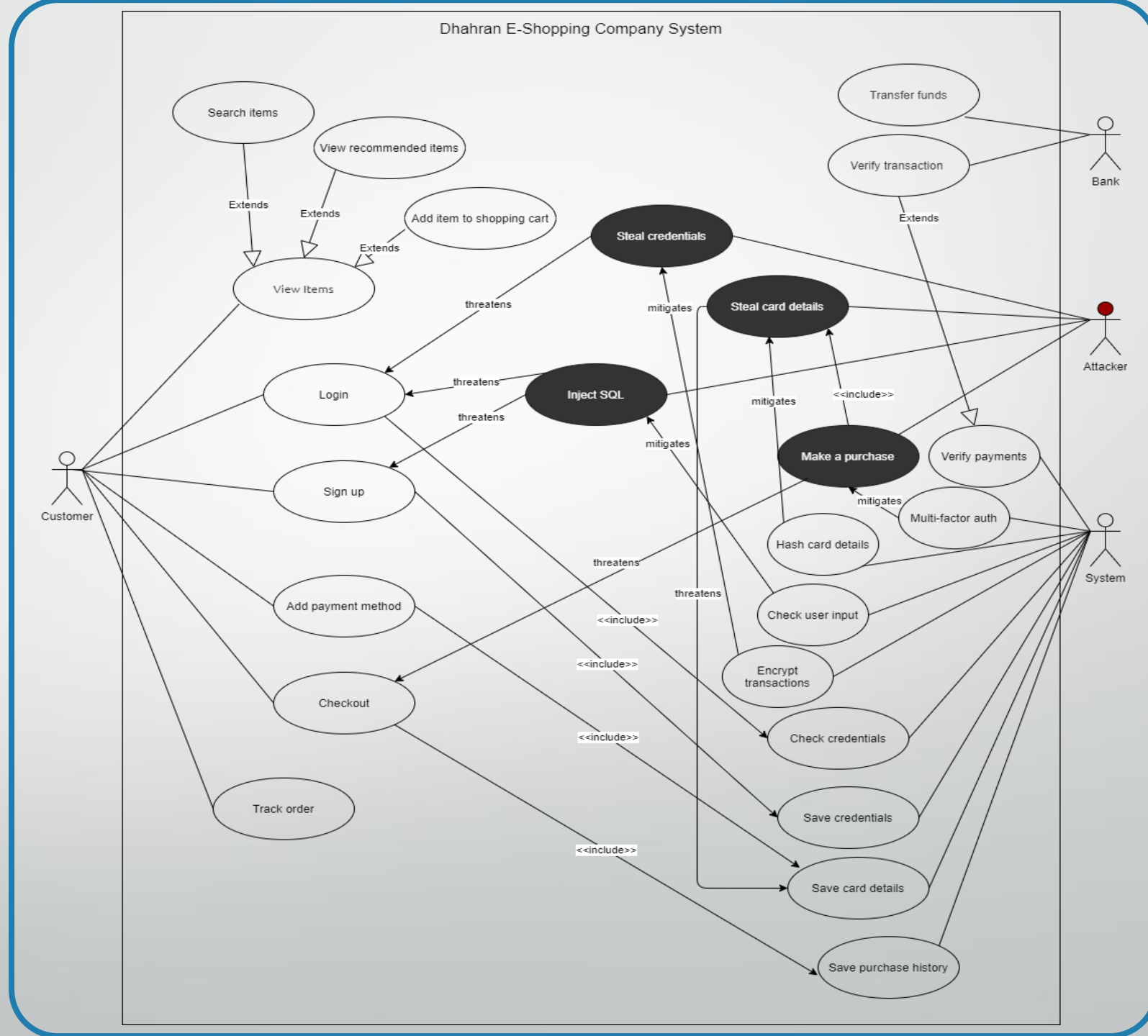
- Use Case Model
- Database
- User Interface
- References



Use Case Model

Actors

- Customer
- System
- Bank
- **Attacker**



Database

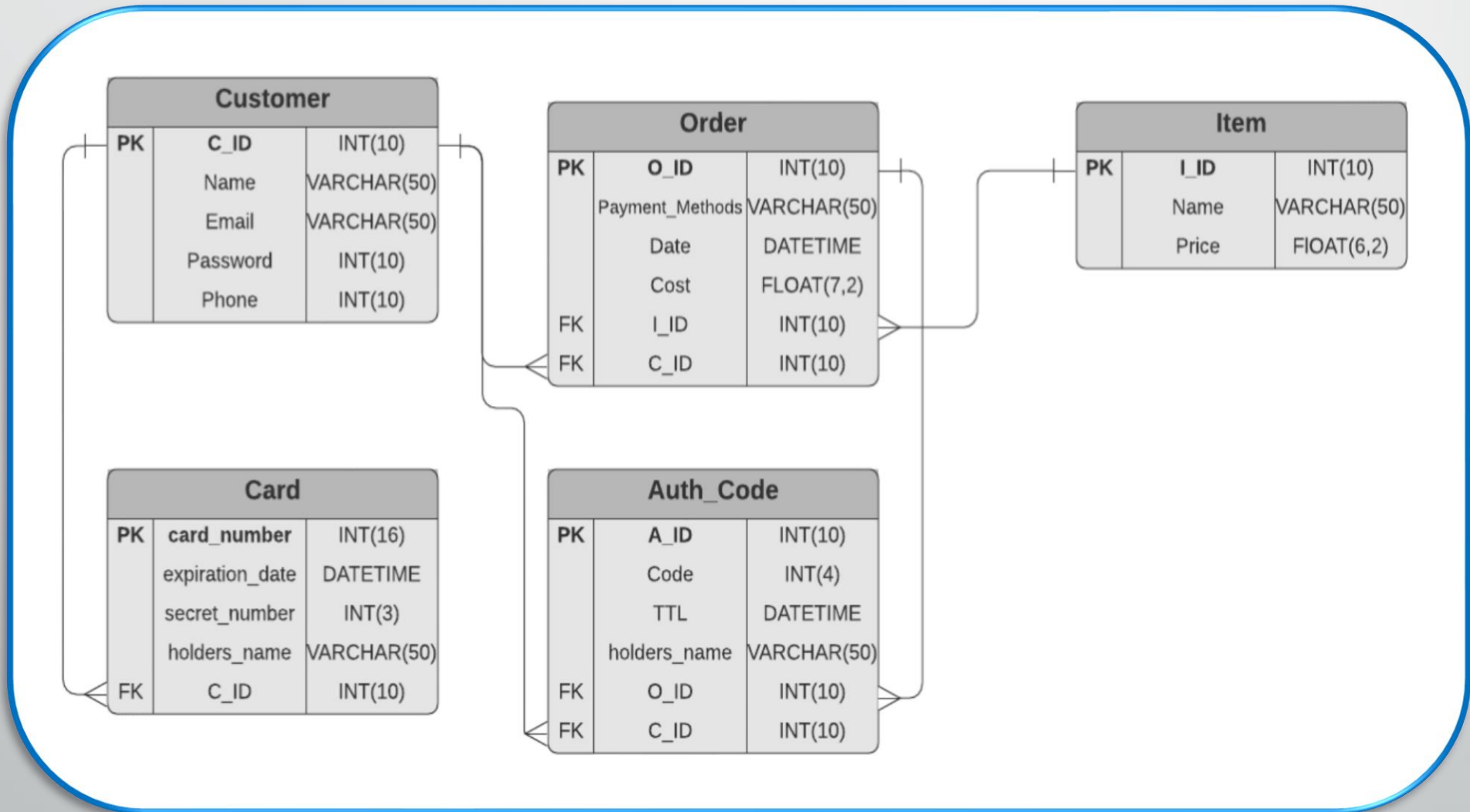
- Conceptual Design
- Logical Design
- Entity Relation Diagram



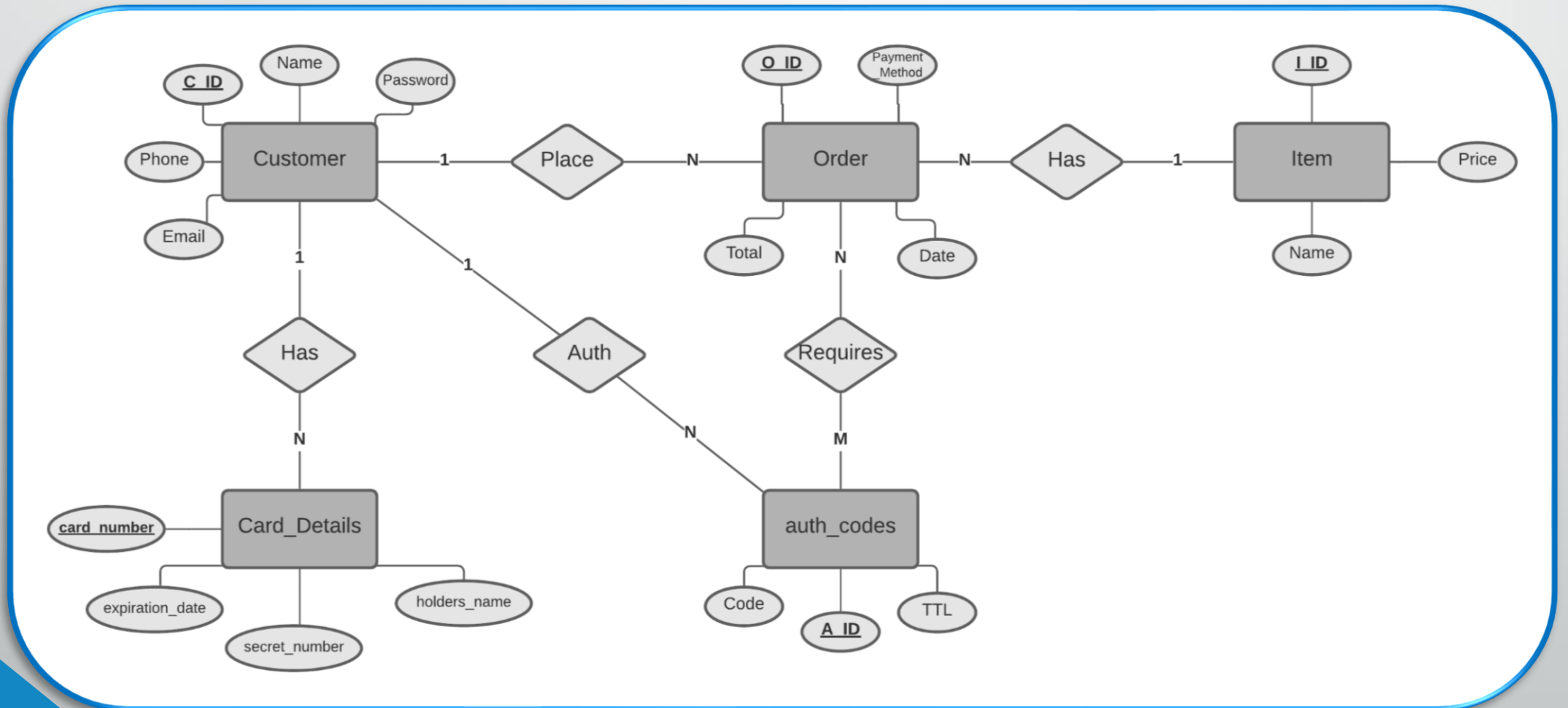
Database Conceptual Design

Customer	Items	Order	Card	Auth Code
C_ID (PK)	I_ID (PK)	O_ID (PK)	Card number(PK)	A_ID(PK)
Name	Name	Payment Method	Expiration _date	Code
Phone	Price	Total	Secret_number	TTL
Email		Date & Time	Holder_name	C_ID (FK)
Password		C_ID (FK)	C_ID (FK)	I_ID (FK)
		I_ID (FK)		

Database Logical Design



Database Entity Relation Diagram



User Interface Design Demo

- **Pages & Mitigations**
 - Sign-in & Sign-up page – Check User Input
 - Check Verification Code page
 - Card Details Page - Has

References

Link To MS Teams Files

https://teams.microsoft.com/_#/school/files/General?threadId=19%3A7eb7d2c013064884bb618f2badd4c743%40thread.tacv2&ctx=channel&context=General&rootfolder=%252Fsites%252FSWE-455-Group4%252FShared%2520Documents%252FGeneral



Thank you

Any Questions?