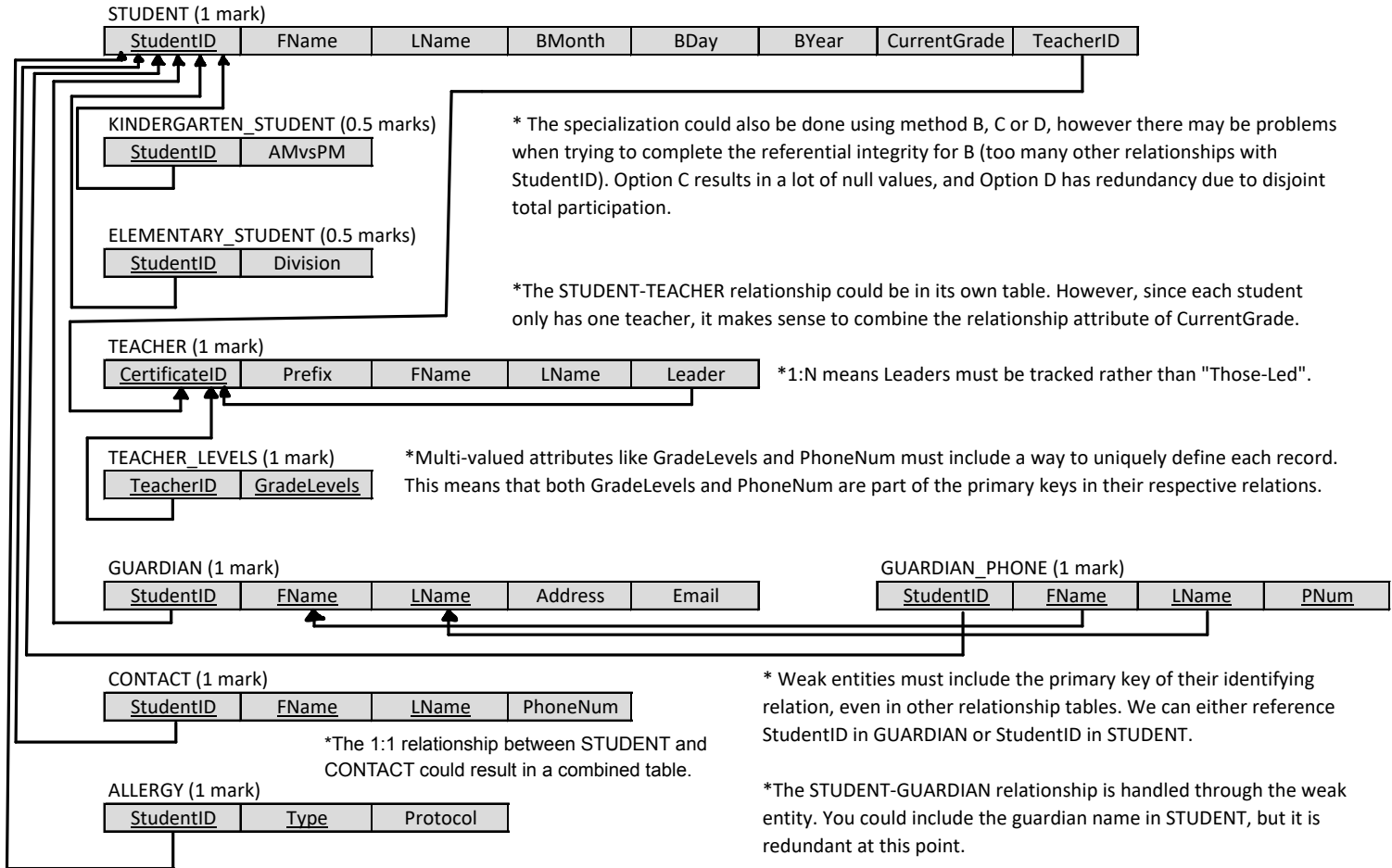
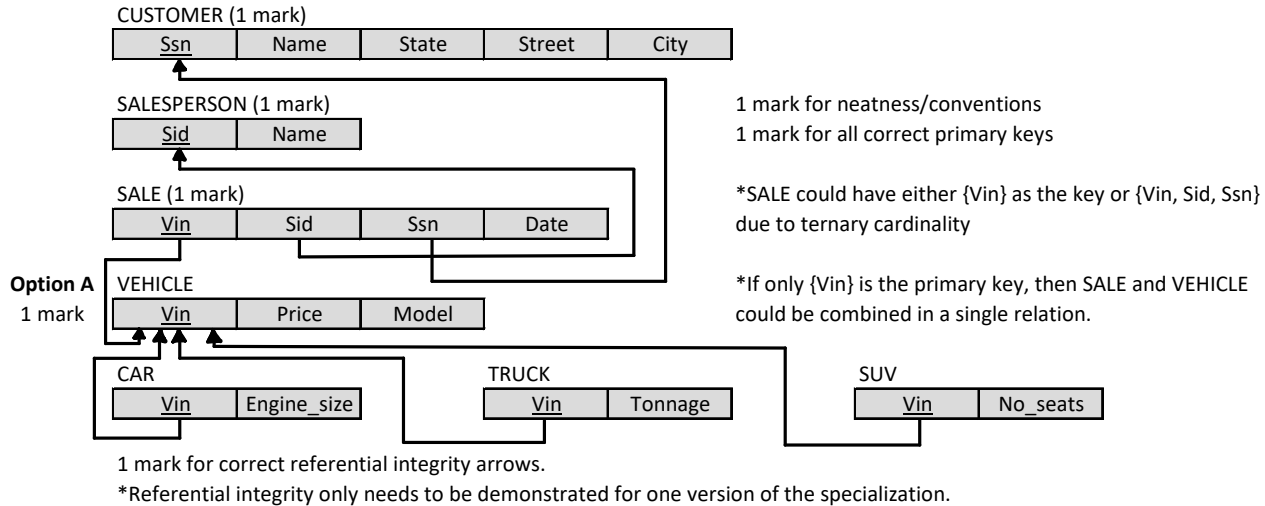


ENSF 608 F21 - Assignment 2 - Question 1 Solution (10 marks)



1 mark for overall neatness/conventions, 1 mark for including all correct referential integrity arrows

ENSF 608 F21 - Assignment 2 - Question 2 Solution (10 marks)



Option B 1 mark

CAR

<u>Vin</u>	Model	Price	Engine_size
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TRUCK

<u>Vin</u>	Model	Price	Tonnage
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SUV

<u>Vin</u>	Model	Price	No_seats
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Option C 1 mark

VEHICLE

<u>Vin</u>	Model	Price	VType	Engine_size	Tonnage	No_seats
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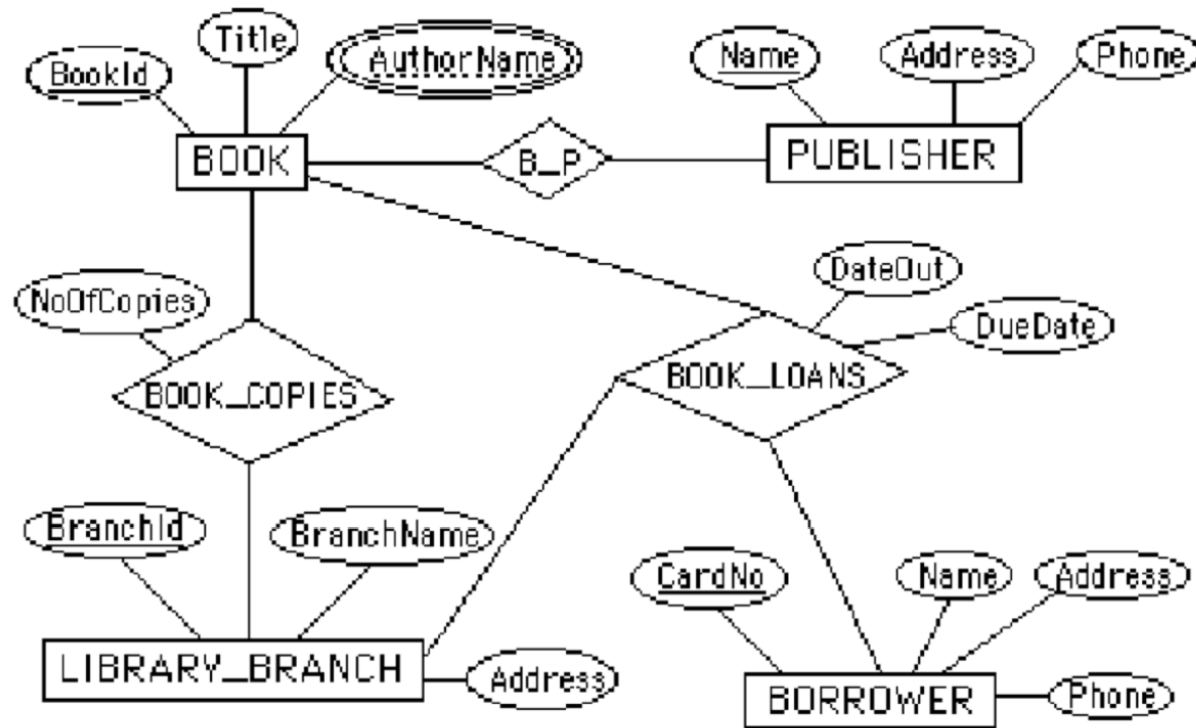
Option D 1 mark

VEHICLE

<u>Vin</u>	Model	Price	IsCar	Engine_size	IsTruck	Tonnage	IsSUV	No_seats
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ENSF 608 F21 - Assignment 2 - Question 3 Solution (10 marks)

*Partial underline is used here to denote that AuthorName could have been handled either as a multi-valued attribute OR as a weak entity.



1 mark for each entity: BOOK, PUBLISHER, LIBRARY_BRANCH, BORROWER and their corresponding attributes (4)

1 mark for each relationship: BOOK_COPIES, BOOK_LOANS, BOOK_PUBLISHER and their corresponding attributes (3)

1 mark for handling AuthorName as either a weak entity or multi-valued attribute

1 mark for correctly underlining all primary keys

1 mark for overall neatness/conventions