Criteria	HD+	HD	DN	CR	PP	NN	NN–	
Apply techniques for Developing Entity-Relationship Diagrams for analysing data, information and knowledge; identifying and analysing user needs from business rules, and use a user-centred approach to satisfying a client's needs.	30 points ER Diagram correctly models all aspects of the case study, using the diagramming conventions for this unit.	24 points ER Diagram correctly models up to one less of the intended entities and related relationships and attributes, including the unary and many to many relationships, using the diagramming conventions for this unit.	21 points ER Diagram correctly models up to three less of the intended entities and related relationships and attributes, including the unary and many to many relationships, using the diagramming conventions for this unit.	18 points ER Diagram correctly models up to four less of the intended entities and related relationships and attributes, including the many to many relationship, using the diagramming conventions for this unit.	15 points ER Diagram correctly models up to five less of the intended entities and related relationships and attributes, using the diagramming conventions for this unit.	13.5 points ER Diagram correctly models up to six less or fewer of the intended entities and related relationships and attributes OR Correctly uses diagramming conventions that were not taught in this unit.	0 points ER Diagram is not submitted OR Incorrectly uses diagramming conventions that were not taught in this unit.	/30
Apply techniques for Developing Relational Schema and converting it from an Entity-Relationship Diagram, using abstraction and critical thinking to solve the problem	30 points All of the steps on the conversion algorithm are presented, and; correct relations are formed for all entities, and; correct formatting of the relational schema is used, including comma placement, primary key and foreign key identification.	24 points All of the steps on the conversion algorithm are presented, and; correct relations are formed for up to one less of the intended entities, including the unary relationship and many to many relationships, and; correct formatting of the relational schema is used, including comma placement, primary key and foreign key identification.	21 points All of the steps on the conversion algorithm are presented, and; correct relations are formed for up to three less of the intended entities, including the many to many relationships, and; correct formatting of the relational schema is used, including comma placement, primary key and foreign key identification.	18 points All of the steps on the conversion algorithm are presented, and; correct relations are formed for up to four less of the intended entities, and; correct formatting of the relational schema is used, including comma placement, primary key and foreign key identification.	15 points All of the steps on the conversion algorithm are presented, and; correct relations are formed for up to five less of the intended entities, and; mainly correct formatting of the relational schema is used, including comma placement, primary key and foreign key identification.	13.5 points One of the steps on the conversion algorithm is missing, OR correct relations are formed for up to six less of the intended entities, OR generally poor formatting of the relational schema is used.	0 points More than one of the steps on the conversion algorithm is missing, OR Five less or fewer of the intended relations are correct	/30
Apply techniques for Developing a MySQL database for managing data.	30 points Database is created by opening the Assignment.sql file on the command line with MySQL without any errors. Database is complete and code is	24 points Database is created by opening the Assignment.sql file on the command line with MySQL without any errors. Database is missing up to one relation, but includes the unary and many to many	21 points Database is created by opening the Assignment.sql file on the command line with MySQL without any errors. Database is missing up to three relations, but includes the many to	18 points Database is created by opening the Assignment.sql file on the command line with MySQL, however up to two changes are necessary to make the database work. Database is	15 points Database is created by opening the Assignment.sql file on the command line with MySQL, however three to four changes are necessary to make the database work. Database is	13.5 points Database is created by opening the Assignment.sql file on the command line with MySQL, however five or more changes are necessary to make the database work. Database is	0 points Database will not be created on the command line using the provided code OR	/30

	meaningfully commented.	relations. Code is meaningfully commented.	many relation. Code is meaningfully commented.	missing up to four relations. There is an attempt to meaningfully comment the code.	missing up to five relations. The code is poorly commented.	missing up to six relations. The code is poorly commented.	Database is missing up to five or more relations.	
Apply techniques for storing data in a MySQL database, using abstraction, computational and critical thinking to solve problems	10 points Two correct and meaningful records are inserted in each relation of the database.	8 points Two correct records are inserted in each relation of the database.	7 points Two correct records are inserted in the up to three less intended relations of the database.	6 points Two correct records are inserted into the up to four less intended relations of the database.	5 points Two correct records are inserted in the up to five less intended relations of the database.	4.5 points Records are inserted in the up to six less or fewer of the intended relations of the database.	0 points Records are not inserted into the database.	/10
Total								/100