

**Student Name:**

**Teacher:**

**Date:**

Assessment Objective	Pass	Merit	Distinction
<b>AO1</b> <i>Design a database to meet the needs of an organisation</i>	Candidates will produce a basic design for a database in line with identified user requirements. The design will include basic details of: table structure, primary key, field names, field types, field lengths and an input form. The database will bear some resemblance to the design work undertaken.	Candidates will produce a design for a relational database in line with identified user requirements. The design will include details of: table structures, primary keys, field names, field types, field lengths, combo boxes and validation rules, relationships and input forms for each table. The design should be sufficiently detailed to enable others to produce the database with some explanation. The database will reflect the design work undertaken with any deviations from the original design identified.	Candidates will produce detailed designs for a relational database in line with identified user requirements. The design will include comprehensive details of: table structures, primary keys, field names, field types, field lengths, combo boxes, validation rules, input masks (or equivalent), relationships and custom forms for each table. The design should be sufficiently detailed to enable others to produce the database. The database will reflect the design work undertaken with any deviations from the original design justified.
<b>AO1 NOTES</b>	<b>AO1: P M D</b>		
<b>AO2</b> <i>Construct the database according to the design</i>	Candidates will construct a database based upon the design work undertaken. A form will be created to enter data in the table. They will ensure the database includes sufficient records to meet the specified needs. The database will mostly reflect the design work undertaken.	Candidates will construct a relational database based upon the design work undertaken. Forms will be created to enter appropriate data in each table. At least one form will be customised. They will ensure the database includes sufficient records to meet the specified needs. The database will reflect the design work undertaken.	Candidates will construct a relational database based upon the design work undertaken. Custom forms will be created to enter appropriate data in each table. At least one form will be customised to add functionality. They will ensure the database includes sufficient records to meet the specified needs. The database will match the design work undertaken.
<b>AO2 NOTES</b>	<b>AO2: P M D</b>		
<b>AO3</b> <i>Interrogate the database</i>	Candidates will create at least two queries to select information to meet specified needs, at least one will use multiple criteria and at least one will include a sort. They will state the purpose of each query. The query results will meet the specified needs.	Candidates will create at least two queries to select information to meet specified needs. At least one query must include data from more than one table. At least one query will use complex criteria and at least one query will use multiple criteria. One of these queries will include a sort on at least two fields. They will state the purpose of each query, giving reasons for the query design chosen. The query results will meet the specified needs.	Candidates will create queries to select information to meet specified needs. At least one query must include data from more than one table. At least two queries will use different complex criteria and at least two queries will use multiple criteria. One of the queries will include a sort on at least two fields. They will state the purpose of each query, justifying the query design chosen with reasons for rejecting alternatives. The query results will meet the specified needs.
<b>AO3 NOTES</b>	<b>AO3: P M D</b>		
<b>AO4</b> <i>Create reports</i>	Candidates will produce at least two different types of report, at least one of which must be based on a query. Reports will be appropriate to the data being presented.	Candidates will produce at least two different types of report, at least one of which must be based on a query and at least one will be a customised report. Reports will be appropriate to the data being presented.	Candidates will produce at least three different types of customised report, at least one of which must be based on a query. Reports will be appropriate to the data being presented.
<b>AO4 NOTES</b>	<b>AO4: P M D</b>		

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<b>Assessment Objective</b>	<b>Pass</b>	<b>Merit</b>	<b>Distinction</b>
<b>AO5</b> <b>Create a user interface</b>	Candidates will create a user interface. The user interface will give access to some of the main areas of the database. The user interface will meet some of the needs of the intended user.	Candidates will create a user interface. The user interface will give access to the main areas of the database. The user interface meets most of the needs of the intended user.	Candidates will create a user interface. The user interface will give access to the main areas of the database. The user interface meets the needs of the intended user and is user-friendly for non-expert users.
<b>AO5 NOTES</b>	<b>AO5: P M D</b>		
<b>AO6</b> <b>Test the database</b>	Candidates will provide evidence of some testing. Candidates will make improvements to the functionality of their database if issues are identified through the tests they have carried out.	Candidates will provide evidence of testing most of the main areas of the database (as shown in the KUS). Most tests will be appropriate. Candidates will make improvements to the functionality of their database if issues are identified through the tests they have carried out.	Candidates will provide evidence of testing all the main areas of the database (as shown in the KUS). All tests will all be appropriate. Candidates will make improvements to the functionality of their database if issues are identified through the tests they have carried out.
<b>AO6 NOTES</b>	<b>AO6: P M D</b>		

**Overall grade awarded for this unit:**    **PASS**    **MERIT**    **DISTINCTION**    (Circle ONE grade)    **Signature:** \_\_\_\_\_