

Grade Set

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Document Version History

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1 DATA STANDARD

1.1 Introduction

1.1.1 Application

This standard can be used to store or exchange data that defines Grade Sets that can be applicable to a Qualification Element.

1.1.2 Compatibility with non-ISB standards

There are no known compatibility issues related to this standard.

1.1.3 Terminology and notation

The following sections contain:

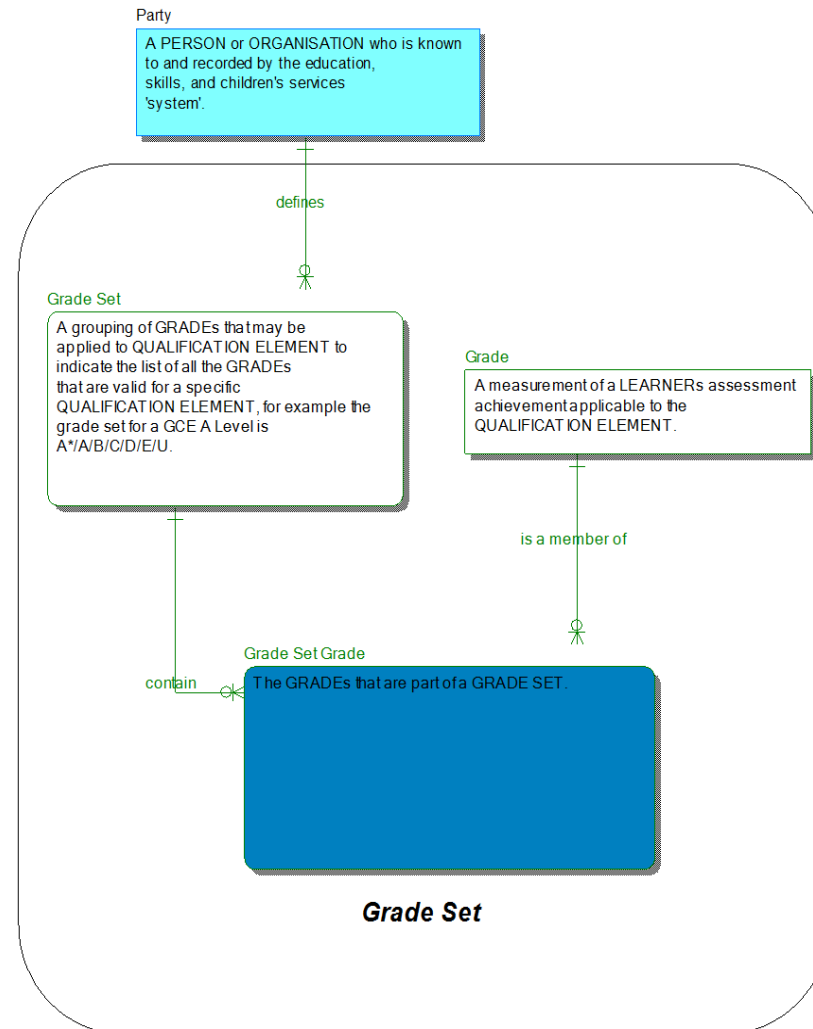
- **Entity Definition Model** – A high level diagram showing: entities; their descriptions and relationships
- **Attribute Model** – A lower level diagram showing the names of attributes making up entities. Attributes in the top section of an entities box are those making up its primary key
- **Data Definitions** – Detailed descriptions of each of the entities at an attribute level, showing attribute: name; definition; whether it is part of a key; whether it is mandatory; its data type and format; parent information and Controlled List association

Only those entities within the boundary square in the diagrams are part of this particular data standard, entities outside the boundary are shown for context purposes only (and can be found within other Business Data Standards), or separate Controlled List reference data.

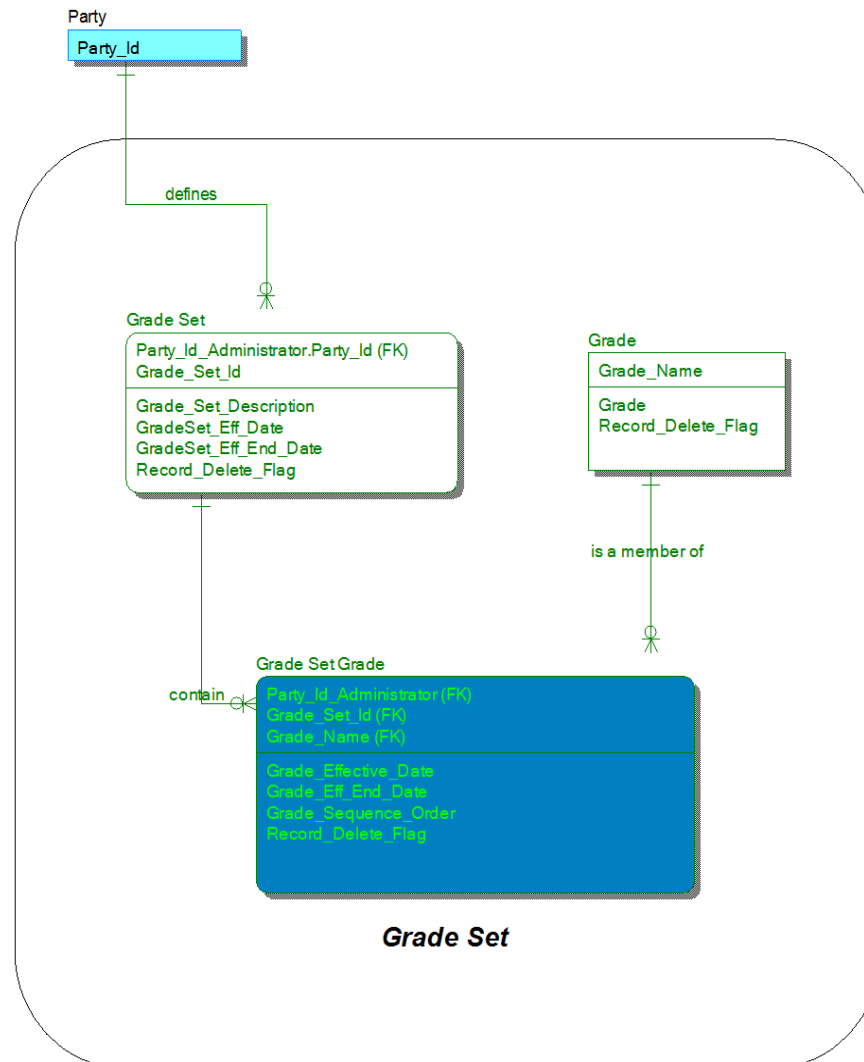
The standards for naming, notation and conventions used for this development can be found in the BDA Data Architecture Modelling Standards document. For convenience, a quick reference of the colours used in these diagrams is shown below.



1.2 Entity Definition Model



1.3 Attribute Model



1.4 Data Definitions

1.4.1 Entity: Grade

A measurement of a LEARNERs assessment achievement applicable to the QUALIFICATION ELEMENT.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Grade_Name	Identifies the full Grade Name for the Eg the Grade is "A" and the Grade Name is "Grade A".	Y	N	Y	Unicode_String(1,50)			
Grade	A letter or number or code that represents a level of achievement by the learner, for example "A*", "P", "MMP", etc	N	N	N	Unicode_String(1,50)			
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

1.4.2 Entity: Grade Set

A grouping of GRADEs that may be applied to QUALIFICATION ELEMENT to indicate the list of all the GRADEs that are valid for a specific QUALIFICATION ELEMENT, for example the grade set for a GCE A Level is A*/A/B/C/D/E/U.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Party_Id_Administrator	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Party	Party_Id	
Grade_Set_Id	The identifier of the GRADE SET.	Y	N	Y	Unicode_String(1,50)			
Grade_Set_Description	The description of the GRADE SET.	N	N	N	Unicode_String(1,200)			
GradeSet_Eff_Date	The date from which this GRADE SET is effective.	N	N	N	Simple_Date			
GradeSet_Eff_End_Date	The date from which this GRADE SET ceases to be effective.	N	N	N	Simple_Date			
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

1.4.3 Associative Entity: Grade Set Grade

The GRADEs that are part of a GRADE SET.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Party_Id_Administrator	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Grade Set	Party_Id_Administrator	
Grade_Set_Id	The identifier of the GRADE SET.	Y	Y	Y	Unicode_String(1,50)	Grade Set	Grade_Set_Id	
Grade_Name	Identifies the full Grade Name for the Eg the Grade is "A" and the Grade Name is "Grade A".	Y	Y	Y	Unicode_String(1,50)	Grade	Grade_Name	
Grade_Effective_Date	The date from which this GRADE is effective.	N	N	N	Simple_Date			
Grade_Eff_End_Date	The date from which this GRADE ceases to be effective.	N	N	N	Simple_Date			
Grade_Sequence_Order	The sequence number that is used to determine the position of this GRADE within a given GRADE SET.	N	N	N	Simple_Integer(1,3)			
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

2 CHANGES FROM PREVIOUS VERSION

Not applicable.

3 REFERENCES

The following references are specific to this Business Data Standard:

- ESCS ISB Business Data Architecture Entity Relationship Diagram, version 11.2

The following references apply to all Business Data Standards:

- ESCS ISB Standards Overview and Context
- ESCS ISB “System“ Enterprise Architecture - Business Data Architecture
- ESCS ISB Business Data Architecture Data Types
- ESCS ISB BDA Data Architecture Modelling Standards
- ESCS ISB Management Process

4 NOTES

None.

5 COPYRIGHT NOTICE

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