

Data Dictionary

ENTITY NAME: Company				
ENTITY DESCRIPTION: Stores details of the Companies the University is or has been in touch				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK	864256	864256
Name	VARCHAR2(50)	NN	Microsoft London	Microsoft London
Address	VARCHAR2(50)	NN	2 Kingdom St	2 Kingdom St
City	VARCHAR2(20)	NN	London	London
Postcode	VARCHAR2(10)	NN	W2 6BD	W2 6BD
Details	VARCHAR2(500)		Import	Import
Start_Date	DATE		26/04/2022	05/02/2023
End_Date	DATE		03/02/2022	05/03/2023

ENTITY NAME: Topic				
ENTITY DESCRIPTION: Keeping track of the topic of each Speaker and Event				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		145921
Name	VARCHAR2(50)	NN		Artificial Intelligence
Abbreviation	VARCHAR2(5)	NN		ML

ENTITY NAME: Speaker				
ENTITY DESCRIPTION: Contains data on individual Company speaker				
Attribute Name	Data type	Status	Validation	Input example
ID	NUMBER(6)	PK		56893
Name	VARCHAR2(15)	NN	only characters	Mark
Surname	VARCHAR2(40)	NN	only characters.	Brown
Mobile_Phone	NUM(11)	NN		7742826478
Email	VARCHAR2(60)	NN	Must be Unique and contain @	Michael.Brown@azure.co.uk
DOB	DATE	NN	12/03/1993	12/03/1993

ENTITY NAME: Speaker_Expertise				
ENTITY DESCRIPTION: Contains information about a certain speaker on a specific topic.				
Attribute Name	Data type	Status	Validation	Input example
ID	NUMBER(6)	PK		56893
ID_Topic	NUMBER(6)	FK NN		145999
ID_Speaker	NUMBER(6)	FK NN		733999

ENTITY NAME: Campus				
ENTITY DESCRIPTION: It stores informations about the campus				
Attribute Name	Data type	Status	Validation	Example of Input
ID	NUMBER(6)	PK		562345
Name	VARCHAR2(50)	NN		Ealing Campus
Address	VARCHAR2(30)	NN		St Mary road
Postcode	VARCHAR2 (10)	NN		W5 5RF

ENTITY NAME: Room				
ENTITY DESCRIPTION: It stores the room information for each campus.				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK NN		454869
Room_Number	NUMBER(6)	NN		100
Capacity	NUMBER(6)	NN		300
ID_Campus	NUMBER(6)	FK NN		2514

ENTITY NAME: Deptment				
ENTITY DESCRIPTION: It hold details about University departments				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		563289
Name	VARCHAR2(50)	NN		School of engineering
ID_Room	NUMBER(6)	FK		25465

ENTITY NAME: Staff				
ENTITY DESCRIPTION: It stores details about University Staff				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(8)	PK		96320000
Name	VARCHAR2(15)	NN		Scarlett
Surname	VARCHAR2(40)	NN		Johansson
Role	VARCHAR2(15)	NN		CS Lecturer
Email	VARCHAR2(60)	NN	must contain @ and unique	scarlett.johansson@uwl.ac.uk
Mobile_Phone	NUMBER(11)	NN		12345678900
DOB	DATE	NN		22/11/1984
Is_Active	NUMBER(1,0)	NN		Eg. 1 = Active
ID_Department	NUMBER(6)	FK, NN		5682345

ENTITY NAME: Student				
ENTITY DESCRIPTION: It holds data for each individual student				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(10)	PK NN		2149025105
Name	VARCHAR2(15)	NN	Only characters	Gabriel
Surname	VARCHAR2(40)	NN	Only characters	Vornicu
DOB	DATE	NN		22/11/1984
Email	VARCHAR2(60)	NN	Must contains @, unique	21490251@student.uwl.ac.uk
Mobile_Phone	NUMBER(11)	NN	unique	7424192516

ENTITY NAME: Business_Offer				
ENTITY DESCRIPTION: It holds information about vacancies offered by University business partners				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER (6)	PK		456820
ID_Company	NUMBER(6)	FK,NN		5632
ID_Staff	NUMBER(8)	FK,NN		85647800
Type	CHAR(2)	NN	Input limited to: PL(Placement) IN(Internship) AP(Apprenticeship)	PL
Status	CHAR(1)	NN	Input limited to: O(Open) C(Closed)	O
Vacancies	NUM(2)	NN		2
Start_date	DATE	NN		25/03/2023
End_date	DATE	NN	End_Date > Start_Date	25/02/2024

ENTITY NAME: Supervisor				
ENTITY DESCRIPTION: It holds information about the company supervisors				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		445238
Name	VARCHAR2(15)	NN	Only characters	John
Surname	VARCHAR2(40)	NN	Only characters	Smith
Mobile_Phone	NUMBER(11)	NN	Unique	07xxxxxxx
Email	VARCHAR2(60)	NN	Must contain @, Unique	John.Smith@adobe.uk
ID_Company	NUMBER(6)	FK NN		856925

ENTITY NAME: Offer_Details				
ENTITY DESCRIPTION: It holds information about every job offer defined by the companies for students				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK, NN		568934
Start_Date	DATE	NN		25-Apr-23
End_Date	DATE		End_Date>Start_Date	24-Jun-23
Outcome	VARCHAR2(1)	NN	Input limited to: O (ongoing) F (Fail) S (Successful)	S
ID_Supervisor	NUMBER(6)	FK NN		856985
ID_Student	NUMBER(10)	FK NN		2149025188
ID_Business_Offer	NUMBER(6)	FK NN		856686

ENTITY NAME: University_Ambassador				
ENTITY DESCRIPTION: It holds information about University staff who are a point of contact for particular company				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		567346
Start_Date	DATE	NN		26/04/2022
End_Date	DATE			03/02/2023
ID_Company	NUMBER(6)	FK, NN		567231
ID_Staff	NUMBER(8)	FK, NN		96320000

ENTITY NAME: Request				
ENTITY DESCRIPTION: It holds information about request for a particular event put forward by the University staff				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		568234
Name	VARCHAR2(50)	NN		Black hero of mathematics
Type	CHAR(2)	NN	WK(Workshop) GS(Guest lecture) GT(Guest talk) CO(Collaborate event) P(processed)	GT
Status	CHAR(2)	NN	A(accepted) D(denied)	A
Details	VARCHAR2(500)			
Proposed_Date	DATE	NN	25-Apr-23	03/05/2023
ID_Topic	NUMBER(6)	FK		
ID_Staff	NUMBER(8)	FK		24897356

ENTITY NAME: Event				
ENTITY DESCRIPTION: It stores information about a particular event				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK NN		1500
Name	VARCHAR2(50)	NN		Understanding AI
Date_Time	DATE	NN		26/05/2023 23:59
ID_Request	NUMBER(6)	FK NN		
Details	VARCHAR2(500)			Discuss how AI is being introduced to our daily lives and how it works
ID_Location	NUMBER(6)	FK, NN		235323
ID_Speaker	NUMBER(6)	FK, NN		683346

ENTITY NAME: Attendance				
ENTITY DESCRIPTION: It stores attendance information of students for a particular event				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK NN		215568
Show_Up	NUMBER(1,0)	NN		Eg: 0 = No show
Feedback	CHAR(1)	NN	P(POOR) A(AVERAGE) G(GOOD) E(EXCELLENT) uppercase	E
Comment	VARCHAR2(500)			The event was very helpful and gave a good insight into the new technologies
Is_Anonymous	NUMBER(1,0)	NN, I		Eg. 1 = Anonymous
ID_Student	NUMBER(10)	FK NN		5464554568
ID_Event	NUMBER(6)	FK NN		785869

ENTITY NAME: Contact_Log				
ENTITY DESCRIPTION: It holds history contact information regarding company speaker contacts made				
Attribute Name	Data type	Status	Validation	Input Example
ID	NUMBER(6)	PK		874235
Date_Time	DATE	NN		21/01/2022
Reason	VARCHAR2(500)	NN		Organise a IoT lecture
ID_Ambassador	NUMBER(6)	FK, NN		567231
ID_Speaker	NUMBER(6)	FK, NN		963200