Data Dictionary

Entity	Atribute	Data Type	Data Format	Bytes	Description	Example	Validation
Department	Department_name	STRING		30	Department name	Operations	
Department	Department_id	INTERGER	NNNNNN	6	Unique identifier for Department	505221	
Department_mng	S_date	FLOAT	DD/MM/AAAA		Date that especific employee became a manager of a department	05/01/2002	ANY Manager HAS TO BE also an employee
Department_mng	F_date	FLOAT	DD/MM/AAAA		Date that especific employee is no longer a manager of a department	05/01/2003	ANY Manager HAS TO BE also an employee
Employee	Employee_id	INTERGER	NNNNNN	6	Unique identifier for employee	202001	
Employee	First name	STRING		30	First name of employee	Maria	
Employee	Family name	STRING		30	Family name of employee	Fernandes	
Employee	DOB	FLOAT	DD/MM/AAAA	10	Date of birth of employee	10/03/1995	Company cannot hire people under 18 years
Employee	Gender	STRING		3	Gender either female or male	Fem	
Employee	H_date	FLOAT	DD/MM/AAAA	10	Hiring date of employee	05/03/2015	Company started hiring in 01/01/2002
Job_title	Title	STRING		30	Job position name	Planner	
Job_title	S_date	FLOAT	DD/MM/AAAA	10	Date of start for a title	05/03/2015	
Job_title	F_date	FLOAT	DD/MM/AAAA	10	Final date of a title	05/06/2016	Cannot be before H_date nor S_date for same title
Salary	S_amount	DOUBLE	CURRENCY	7	Total amount of money to be payed to employee, based on pay rate	€ 2.500,55	Hours worked for the mont x hour rate
Salary	Month	DOUBLE		6	Total of hours worked for employee	160	
Salary	Hours	DOUBLE	CURRENCY	5	Pay rate per hour	16,5	
Salary	Promotion	BOOLEAN	TRUE/FALSE		Confimation of Promotion of salary rates for employee	FALSE	Every January or by change of title Employee may get a salary promotion Department manager