ERD Link: https://github.com/APC-SoCIT/APC_2024_2025_T1_Payroll/blob/main/documents/entity-relationship-diagram.pdf

Table Name	Attribute Name	Contents	Type	Required	PK or FK	FK Referenced Table
payroll_periods	payroll_period_id	Payroll cutoff ID	INT	Y	PK	
	start_date	Start date of cutoff	DATE	Y		
	cutoff_date	Final date for attendance adjustments (OT, OB, Sick Leave)	DATE	Y		
	end_date	Final date for processing	DATE	Y		
	month_end	If this is the 2nd cutoff of the month	BOOLEAN	Y		
users	user_id	Account ID	INT	Y	PK	
	bank_account_number	Bank account ID	CHAR	Y		
	email	Email	VARCHAR(80)	Y		
	name	Full name	VARCHAR	Y		
	rate	Contract pay rate	NUMBER(8, 2)	Y		
payroll_items	payroll_item_id	Payroll entry ID (a single account's entry for a certain cutoff)	INT	Y	PK	
	payroll_period_id	Payroll cutoff ID	INT	Y	FK	payroll_periods
	user_id	Account ID	INT	Y	FK	users
	amount	Final pay amount	NUMBER(8, 2)	Y		
additions	addition_id	Addition description ID	INT	Y	PK	
	name	Addition name	VARCHAR	Y		
	description	Addition description	VARCHAR	Y		
	required	If the addition must be added to every entry	BOOLEAN	Y		
	calculated	If the addition is automatically computed (cannot be edited)	BOOLEAN	Y		
	hour_based	If the addition is computed from hours (on only if calculated)	BOOLEAN	Y		
	taxable	If the addition is included in tax calculations	BOOLEAN	Y		
	hr_access	If the HR office can view the addition	BOOLEAN	Y		
deductions	deduction_id	Deduction description ID	INT	Y	PK	
	name	Deduction name	VARCHAR	Y		
	description	Deduction description	VARCHAR	Y		
	required	If the deduction must be added to every entry	BOOLEAN	Y		
	calculated	If the deduction is automatically computed (cannot be edited)	BOOLEAN	Y		
	hour_based	If the deduction is computed from hours (on only if calculated)	BOOLEAN	Y		
	has_deadline	If the deduction stops at a certain date	BOOLEAN	Y		
	taxable	If the deduction is included in tax calculations	BOOLEAN	Y		
	hr_access	If the HR office can view the deduction	BOOLEAN	Y		
item_additions	addition_item_id	Addition instance ID (an addition applied to an entry)	INT	Y	PK	
	payroll_item_id	Payroll entry ID	INT	Y	FK	payroll_items
	addition_id	Addition description ID	INT	Y	FK	additions
	amount	Addition amount	NUMBER(8, 2)	Y		
	hours	Hours (for addition computations involving hours)	INT	Y		
	minutes	Minutes (for addition computations involving hours)	INT			
item_deductions	deduction_item_id	Deduction instance ID (a deduction applied to an entry)	INT	Y	PK	
	payroll_Item_id	Payroll entry ID	INT	Y	FK	payroll_items
	deduction_id	Deduction description ID	INT	Y	FK	deductions
	amount	Deduction amount	NUMBER(8, 2)	Y		
	hours	Hours (for deduction computations involving hours)	INT			
	minutes	Minutes (for deduction computations involving hours)	INT			
	total_payments	Total number of cutoffs this deduction is active for	INT			
	remaining_payments	Remaining number of cutoffs this deduction is active for	INT			