

## DDL PAYSリップ

```
CREATE TABLE public.users (  
    id uuid NOT NULL,  
    username varchar(100) NOT NULL,  
    password_hash text NOT NULL,  
    "role" varchar(10) NOT NULL,  
    salary numeric(15, 2) NULL,  
    created_at timestamp NULL DEFAULT now(),  
    updated_at timestamp NULL DEFAULT now(),  
    CONSTRAINT users_pkey PRIMARY KEY (id),  
    CONSTRAINT users_role_check CHECK (((role)::text = ANY  
((ARRAY['admin'::character varying, 'employee'::character varying])::text[]))));
```

```
CREATE TABLE public.attendance_periods (  
    id uuid NOT NULL,  
    start_date date NOT NULL,  
    end_date date NOT NULL,  
    is_paid text NULL,  
    ip_address inet NULL,  
    created_by uuid NULL,  
    created_at timestamp NULL DEFAULT now(),  
    updated_at timestamp NULL DEFAULT now(),  
    CONSTRAINT attendance_periods_pkey PRIMARY KEY (id)  
);
```

```
ALTER TABLE public.attendance_periods ADD CONSTRAINT  
attendance_periods_created_by_fkey FOREIGN KEY (created_by) REFERENCES  
users(id);
```

```
CREATE TABLE public.attendances (  
    id uuid NOT NULL,  
    user_id uuid NULL,  
    "date" date NOT NULL,  
    start_hour text NULL,  
    end_hour text NULL,  
    duration text NULL,  
    created_at timestamp NULL DEFAULT now(),  
    created_by uuid NULL,  
    ip_address inet NULL,  
    CONSTRAINT attendances_pkey PRIMARY KEY (id),  
    CONSTRAINT attendances_user_id_date_key UNIQUE (user_id, date)  
);
```

```
ALTER TABLE public.attendances ADD CONSTRAINT attendances_created_by_fkey  
FOREIGN KEY (created_by) REFERENCES users(id);  
ALTER TABLE public.attendances ADD CONSTRAINT attendances_user_id_fkey  
FOREIGN KEY (user_id) REFERENCES users(id);
```

```

CREATE TABLE public.overtimes (
    id uuid NOT NULL,
    user_id uuid NULL,
    "date" date NOT NULL,
    hours numeric(4, 2) NULL,
    created_at timestamp NULL DEFAULT now(),
    created_by uuid NULL,
    ip_address inet NULL,
    CONSTRAINT overtimes_hours_check CHECK ((hours <= (3)::numeric)),
    CONSTRAINT overtimes_pkey PRIMARY KEY (id),
    CONSTRAINT overtimes_user_id_date_key UNIQUE (user_id, date)
);

ALTER TABLE public.overtimes ADD CONSTRAINT overtimes_created_by_fkey
FOREIGN KEY (created_by) REFERENCES users(id);
ALTER TABLE public.overtimes ADD CONSTRAINT overtimes_user_id_fkey FOREIGN
KEY (user_id) REFERENCES users(id);

```

```

CREATE TABLE public.payrolls (
    id uuid NOT NULL,
    period_id uuid NULL,
    start_date date NULL,
    end_date date NULL,
    created_by uuid NULL,
    created_at timestamp NULL DEFAULT now(),
    is_paid text NULL,
    CONSTRAINT payrolls_period_id_key UNIQUE (period_id),
    CONSTRAINT payrolls_pkey PRIMARY KEY (id)
);

ALTER TABLE public.payrolls ADD CONSTRAINT payrolls_created_by_fkey FOREIGN
KEY (created_by) REFERENCES users(id);
ALTER TABLE public.payrolls ADD CONSTRAINT payrolls_period_id_fkey FOREIGN
KEY (period_id) REFERENCES attendance_periods(id);

```

```

CREATE TABLE public.payslips (
    id uuid NOT NULL,
    payroll_id uuid NULL,
    user_id uuid NULL,
    start_date date NULL,
    end_date date NULL,
    base_salary_day numeric(15, 2) NULL,
    total_attendance_days int4 NULL,
    total_overtime_hours numeric(6, 2) NULL,
    total_reimbursements numeric(15, 2) NULL,
    take_home_pay numeric(15, 2) NULL,
    created_at timestamp NULL DEFAULT now(),
    base_salary_overtime numeric(15, 2) NULL,

```

```
salary_this_month numeric(15, 2) NULL,  
salary_overtime_total numeric(15, 2) NULL,  
CONSTRAINT payslips_pkey PRIMARY KEY (id)  
);  
  
ALTER TABLE public.payslips ADD CONSTRAINT payslips_payroll_id_fkey FOREIGN  
KEY (payroll_id) REFERENCES payrolls(id);  
ALTER TABLE public.payslips ADD CONSTRAINT payslips_user_id_fkey FOREIGN KEY  
(user_id) REFERENCES users(id);  
  
CREATE TABLE public.reimbursements (  
    id uuid NOT NULL,  
    user_id uuid NULL,  
    "date" date NOT NULL,  
    amount numeric(15, 2) NOT NULL,  
    description text NULL,  
    created_at timestamp NULL DEFAULT now(),  
    created_by uuid NULL,  
    ip_address inet NULL,  
    CONSTRAINT reimbursements_pkey PRIMARY KEY (id)  
);  
  
ALTER TABLE public.reimbursements ADD CONSTRAINT  
reimbursements_created_by_fkey FOREIGN KEY (created_by) REFERENCES  
users(id);  
ALTER TABLE public.reimbursements ADD CONSTRAINT  
reimbursements_user_id_fkey FOREIGN KEY (user_id) REFERENCES users(id);
```