

## 1. Users

```
Schema::create('users', function (Blueprint $table) {
    $table->id();
    $table->string('user_name');
    $table->string('email')->unique();
    $table->string('password');
    $table->foreignId('employee_id')->nullable()->constrained('employees')->onDelete('set null');
    $table->foreignId('role_id')->nullable()->constrained('roles')->onDelete('set null');
    $table->timestamps();
});
```

## 2. Employees

```
Schema::create('employees', function (Blueprint $table) {
    $table->id();
    $table->string('first_name');
    $table->string('last_name');
    $table->string('email')->unique();
    $table->string('phone')->nullable();
    $table->date('date_of_birth')->nullable();
    $table->enum('gender', ['male', 'female'])->nullable();
    $table->date('hire_date');
    $table->decimal('salary', 15, 2)->default(0);
    $table->foreignId('department_id')->constrained('departments')->onDelete('cascade');
    $table->foreignId('position_id')->constrained('positions')->onDelete('cascade');
    $table->enum('status', ['active', 'inactive', 'terminated'])->default('active');
    $table->timestamps();
});
```

## 3. Roles

```
Schema::create('roles', function (Blueprint $table) {
    $table->id();
    $table->string('name')->unique();
    $table->timestamps();
});
```

## 4. Positions

```
Schema::create('positions', function (Blueprint $table) {
    $table->id();
    $table->foreignId('department_id')->constrained('departments')->onDelete('cascade');
    $table->string('title');
    $table->text('description')->nullable();
    $table->timestamps();
});
```

## 5. Departments

```
Schema::create('departments', function (Blueprint $table) {
    $table->id();
    $table->string('name')->unique();
    $table->text('description')->nullable();
    $table->foreignId('manager_id')->nullable()->constrained('employees')->onDelete('set null');
    $table->timestamps();
});
```

## 6. Attendences

```
Schema::create('attendences', function (Blueprint $table) {
    $table->id();
    $table->foreignId('employee_id')->constrained('employees')->onDelete('cascade');
    $table->date('date');
    $table->time('check_in')->nullable();
    $table->time('check_out')->nullable();
    $table->enum('status', ['present', 'absent', 'leave', 'late'])->default('present');
```

## 7. Leaves

```
Schema::create('leaves', function (Blueprint $table) {
    $table->id();
    $table->foreignId('employee_id')->constrained('employees')->onDelete('cascade');
    $table->date('start_date');
    $table->date('end_date');
    $table->enum('type', ['sick', 'vacation', 'personal', 'maternity', 'paternity', 'bereavement']);
    $table->enum('status', ['pending', 'approved', 'rejected'])->default('pending');
});
```

## 8. Payrolls

```
Schema::create('payrolls', function (Blueprint $table) {
    $table->id();
    $table->foreignId('employee_id')->constrained('employees')->onDelete('cascade');
    $table->string('month');
    $table->date('pay_date');
    $table->integer('basic_salary');
    $table->integer('allowances')->nullable();
    $table->integer('deductions')->nullable();
    $table->integer('net_salary');
    $table->enum('status', ['paid', 'pending', 'failed'])->default('pending');
    $table->timestamps();
});
```

## 9. Projects

```
Schema::create('projects', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->text('description')->nullable();
    $table->date('start_date');
    $table->date('end_date')->nullable();
    $table->foreignId('manager_id')->constrained('employees')->onDelete('set null');
    $table->foreignId('department_id')->constrained('departments')->onDelete('set null');
    $table->enum('status', ['not_started', 'in_progress', 'completed', 'on_hold'])-
>default('not_started');
    $table->timestamps();
});
```

## 10. Accounts

```
Schema::create('accounts', function (Blueprint $table) {
    $table->id();
    $table->integer('account_number')->unique();
    $table->string('account_name');
    $table->text('account_description')->nullable();
    $table->enum('account_type', ['asset', 'liability', 'equity', 'revenue', 'expense']);
    $table->string('bank_name')->nullable();
    $table->decimal('balance', 10, 2)->default(0);
    $table->timestamps();
});
```

## 11. Expenses

```
Schema::create('expenses', function (Blueprint $table) {
    $table->id();
    $table->foreignId('account_id')->constrained('accounts')->onDelete('cascade');
    $table->string('description');
    $table->decimal('amount', 10, 2);
    $table->date('expense_date');
    $table->timestamps();
});
```

## 12. Invoices

```
Schema::create('invoices', function (Blueprint $table) {
    $table->id();
    $table->foreignId('customer_id')->constrained('customers')->onDelete('cascade');
    $table->string('invoice_number')->unique();
    $table->date('invoice_date');
    $table->decimal('total_amount', 10, 2);
    $table->enum('status', ['pending', 'paid', 'overdue'])->default('pending');
    $table->timestamps();
});
```

## 13. Payments

```
Schema::create('payments', function (Blueprint $table) {
    $table->id();
    $table->foreignId('invoice_id')->constrained('invoices')->onDelete('cascade');
    $table->decimal('amount', 10, 2);
    $table->date('payment_date');
    $table->enum('status', ['pending', 'completed', 'failed'])->default('pending');
    $table->string('payment_method');
    $table->timestamps();
});
```

## 14. Customers

```
Schema::create('customers', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->string('email')->unique();
    $table->string('phone')->nullable();
    $table->string('address')->nullable();
    $table->string('company_name')->nullable();
    $table->timestamps();
});
```

## 15. Sales\_orders

```
Schema::create('sales_orders', function (Blueprint $table) {
    $table->id();
    $table->foreignId('customer_id')->constrained('customers')->onDelete('cascade');
    $table->date('order_date');
    $table->decimal('total_amount', 10, 2);
    $table->enum('status', ['pending', 'processed', 'shipped', 'delivered', 'canceled'])-
>default('pending');
    $table->timestamps();
});
```

## 16. Contracts

```
Schema::create('contracts', function (Blueprint $table) {
    $table->id();
    $table->foreignId('type_id')->constrained('contract_types')->onDelete('cascade');
    $table->string('contract_number')->unique();
    $table->foreignId('customer_id')->nullable()->constrained('customers')->onDelete('cascade');
    $table->foreignId('employee_id')->nullable()->constrained('employees')->onDelete('cascade');
    $table->foreignId('position_id')->nullable()->constrained('positions')->onDelete('set null');
    $table->date('start_date');
    $table->date('end_date')->nullable();
    $table->decimal('salary', 10, 2)->nullable();
    $table->enum('status', ['active', 'expired', 'terminated'])->default('active');
    $table->string('file_path')->nullable();
    $table->timestamps();
});
```

## 17. Products

```
Schema::create('products', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->text('description')->nullable();
    $table->decimal('price', 10, 2);
    $table->integer('stock_quantity')->default(0);
    $table->timestamps();
});
```

## 18. Assets

```
Schema::create('assets', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->string('category');
    $table->date('purchase_date');
    $table->decimal('cost', 10, 2);
    $table->string('location')->nullable();
    $table->enum('status', ['active', 'inactive', 'maintenance'])->default('active');
    $table->timestamps();
});
```

## 19. Maintenance\_records

```
Schema::create('maintenance_records', function (Blueprint $table) {
    $table->id();
    $table->foreignId('asset_id')->constrained('assets')->onDelete('cascade');
    $table->date('maintenance_date');
    $table->text('description');
    $table->decimal('cost', 10, 2);
    $table->timestamps();
});
```

## 20. Audit\_logs

```
Schema::create('audit_logs', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained('users')->onDelete('cascade');
    $table->string('action');
    $table->text('description')->nullable();
    $table->ipAddress('ip_address')->nullable();
    $table->timestamps();
});
```

## 21. Documents

```
Schema::create('documents', function (Blueprint $table) {
    $table->id();
    $table->string('name');
    $table->string('file_path');
    $table->foreignId('uploaded_by')->constrained('users')->onDelete('cascade');
    $table->date('upload_date');
    $table->timestamps();
});
```

## 22. Notifications

```
Schema::create('notifications', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained('users')->onDelete('cascade');
    $table->string('type');
    $table->text('message');
    $table->boolean('is_read')->default(false);
    $table->timestamps();
});
```