এখানে একটি স্টুডেন্ট ম্যানেজমেন্ট সিস্টেম পদ্ধতি ডাটাবেজ:

১। একজন স্টুডেন্ট / ইউজারের টেবিল:

```
Schema::create('users', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->string('email')->unique();
        $table->timestamp('email_verified_at')->nullable();
        $table->string('password');
        $table->string('mobile');
        $table->string('otp');
        $table->rememberToken();
        $table->timestamps();
    });
```

২। এডমিশনটি বছর ভিত্তিক হওয়ার Year টেবিল:

```
Schema::create('years', function (Blueprint $table) {
        $table->id();
        $table->string('year_name');
        $table->enum('year_status', ['pending', 'confirmed'])->default('pending');
        $table->timestamps();
    });
```

৩। এডমিশনটি সেশন ভিত্তিক হওয়ার Session টেবিল:

```
Schema::create('sessions', function (Blueprint $table) {
        $table->id();
        $table->string('session_name');
        $table->enum('session_status', ['pending', 'confirmed'])->default('pending');
        $table->timestamps();
    });
```

৪। এডমিশনটি বিভিন্ন মেয়াদী কোর্স থাকায় Course টেবিল:

```
Schema::create('courses', function (Blueprint $table) {
        $table->id();
        $table->string('course_name');
        $table->enum('course_status', ['pending', 'confirmed'])->default('pending');
        $table->timestamps();
    });
```

**\*\*\* এডমিশনের জন্য year-session-course যৌথভাবে এড করার টেবিল (এটি দরকার হবে কি না বুঝতে পারছি না)**

```
Schema::create('year_session_courses', function (Blueprint $table) {
        $table->id();
        $table->foreignId('year_id')->constrained()->onDelete('cascade');
        $table->foreignId('session_id')->constrained()->onDelete('cascade');
        $table->foreignId('course_id')->constrained()->onDelete('cascade');
        $table->enum('ysc_status', ['pending', 'confirmed'])->default('pending');
        $table->timestamps();
    });
```

## ৫। স্টুডেন্ট ভর্তি / এডমিশন টেবিলঃ

```php
Schema::create('admissions', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained()->onDelete('cascade');
    $table->foreignId('year_session_courses_id')->constrained()->onDelete('cascade');
    $table->string('fathers_name');
    $table->string('mothers_name');
    $table->string('guardian_mobile')->nullable();;
    $table->decimal('course_fee', 10, 2);
    $table->string('student_type');
    $table->string('class_day')->nullable();;
    $table->string('class_time')->nullable();;
    $table->string('student_group')->nullable();;
    $table->string('batch_no')->nullable();;
    $table->string('student_nid')->nullable();;
    $table->string('student_dobreg')->nullable();;
    $table->string('blood_group')->nullable();;
    $table->string('student_photo')->nullable();
    $table->enum('admission_status', ['pending', 'confirmed'])->default('pending');
    $table->timestamps();
});
```

## ৬। স্টুডেন্ট-এর **Payment** টেবিলঃ

```php
Schema::create('payments', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained()->onDelete('cascade');
    $table->foreignId('admission_id')->constrained()->onDelete('cascade');
    $table->string('payment_type');
    $table->decimal('payment_amount', 10, 2);
    $table->string('payment_memo');
    $table->date('payment_date');
    $table->enum('payment_status', ['Pending', 'Completed'])->default('Pending');
    $table->timestamps();
});
```

## ৭। শিক্ষার্থীর শিক্ষাগত যোগ্যতার **Education** টেবিলঃ

```php
Schema::create('education', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained()->onDelete('cascade');
    $table->string('education_type');
    $table->string('roll');
    $table->year('passing_year');
    $table->decimal('gpa', 3, 2);
    $table->timestamps();
});
```

## ৮। শিক্ষার্থীর পরীক্ষায় অংশগ্রহণের জন্য Registrations টেবিলঃ

```php
Schema::create('registrations', function (Blueprint $table) {
    $table->id();
    $table->foreignId('user_id')->constrained()->onDelete('cascade');
    $table->foreignId('payment_id')->constrained()->onDelete('cascade');
    $table->string('registation_type')->nullable();
    $table->string('registation_no')->nullable();
    $table->timestamps();
});
```

৯। শিক্ষার্থীর ফলাফলের জন্য **Results** টেবিল:

```
Schema::create('results', function (Blueprint $table) {
        $table->id();
        $table->foreignId('user_id')->constrained()->onDelete('cascade');
        $table->foreignId('registation_id')->constrained()->onDelete('cascade');
        $table->date('attend_exam');
        $table->string('result_type');
        $table->timestamps();
    });
```

৯। শিক্ষার্থীর পরীক্ষায় উত্তীর্ণ পর সার্টিফিকেট গ্রহণের **Certificates** টেবিল:

```
Schema::create('certificates', function (Blueprint $table) {
        $table->id();
        $table->foreignId('user_id')->constrained()->onDelete('cascade');
        $table->foreignId('admission_id')->constrained()->onDelete('cascade');
        $table->foreignId('registation_id')->constrained()->onDelete('cascade');
        $table->date('received_date');
        $table->enum('certificate_status', ['Pending', 'Completed'])->default('Pending');
        $table->timestamps();
    });
```