**1.Route:**

a.Route::view(‘/url’,’name’); //blade name

b.Route::redirect(‘/url’,’name’);

c.Route::get(‘/url’,function(){ … });

d.Route::get(‘/url’,[NAmeController::class,’method’]);

d.Route::get(‘/url’,[NAmeController::class,’method’])->name(‘url.method’);

e.Route::get(‘/url/{id}/{name?}’,[NAmeController::class,’method’])

->where(‘id’,’[0-9]+’);

Note:? For optional

//edit or Delete Route

f.Route::put(‘/url/{id}’,[NAmeController::class,’method’]);

Note:

<a href=”{{url(‘/url’,$id)}}”>Edit/Delete</a>

Controller:Method($id) {…}

g.Route::any(‘/url’,[NAmeController::class,’method’]); //get/post/put

**2.Controller:**

Create:php artisan make:controller NameController –r

CRUD SYSTEM:

use Illuminate\Support\Facades\DB;

public function read()

{

$students=DB::table('students')->get();

return view('welcome',['students'=>$students]);

}

//Route::get('/',[studentController::class,'read'])->name('read');

//blade:

@foreach($students as $stu)

{{$stu[‘colname’]}}

{{$stu[‘colname’]}}

{{$stu[‘colname’]}}

@endforeach

public function create(Request $request)

{

DB::table('students')->insert([

'Name'=>$request->name,

'City'=>$request->city,

'Marks'=>$request->marks,

]);

return redirect(route('index'))->with('status','Student added!!');

}

//Route::post('/',[studentController::class,'create']);

public function edit($id)

{

$student=DB::table('students')->find($id);

return view('editform',['stu'=>$student]);

}

//Route::get('/editform/{id}',[studentController::class,'edit'])->name('edit');

public function update(Request $request, $id)

{

DB::table('students')->where('id',$id)->update([

'Name'=>$request->name,

'City'=>$request->city,

'Marks'=>$request->marks,

]);

return redirect(route('index'))->with('status','Updated!!');

}

//Route::put('/editform/{id}',[studentController::class,'update']);

public function delete($id)

{

DB::table('students')->where('id',$id)->delete();

return redirect(route('index'))->with('status','Deleted');

}

//Route::get('/delete/{id}',[studentController::class,'delete']);

All Route:

Route::get('/',[studentController::class,'index'])->name('index');

Route::post('/',[studentController::class,'create']);

Route::get('/editform/{id}',[studentController::class,'edit'])->name('edit');

Route::put('/editform/{id}',[studentController::class,'update']);

Route::get('/delete/{id}',[studentController::class,'delete']);