**MIGRATION AND SEEDER CODE AND TECHINIQUE**

**1: IN TERMINAL:-**

**Php spark make:migration create\_users\_table**

**2: GO TO MIGRATION PAGE:-**

**<?php**

**namespace App\Database\Migration;**

**use Codeigniter\Database\Migration;**

**Class CreateUserTable extends Migration**

**{**

**Public function up()**

**{**

**$this->forge->addField([**

**‘id’->[**

**‘type’ -> ‘INT’ ,**

**‘unsigned’ -> true,**

**‘auto\_increament’ ->true,**

**],**

**‘name’->[**

**‘type’ -> ‘VARCHAR’ ,**

**‘constraint’ -> ‘255’,**

**],**

**‘username’->[**

**‘type’ -> ‘VARCHAR’,**

**‘constraint’ -> 255,**

**],**

**‘email’->[**

**‘type’ -> ‘VARCHAR’,**

**‘constraint’ -> 255,**

**],**

**‘password’->[**

**‘type’ -> ‘VARCHAR’,**

**‘constraint’ -> 255,**

**],**

**‘picture’->[**

**‘type’ -> ‘VARCHAR’,**

**‘constraint’ -> 255,**

**‘null’ ->true,**

**],**

**‘bio’->[**

**‘type’ -> ‘TEXT’,**

**‘null’ ->true,**

**],**

**‘created\_at timestamp default current\_timestamp’,**

**‘updated\_at timespamp default current\_timestamp on update current\_timestamp’**

**]);**

**$this->forge->addkey(‘id’,true);**

**$this->forge->createTable(‘users’);**

**}**

**Public function down()**

**{**

**$this->forge->dropTable(‘user’);**

**}**

**}**

**3: IN TERMINAL:-**

**php spark migrate //in database table and coloums created**

**them:-**

**php spark make:model User //in model file created**

**4: IN MODEL:-**

**//create user table and primarykey id and then in allowfields create name username email password picture bio**

**5: IN TERMINIAL:-**

**php spark make:seeder UserSeeder**

**6: IN UserSeeder:-**

**<?php**

**namespace App\Database\Seeds;**

**use Codeigniter\Database\Seeds;**

**Class UserSeeds extends Seeder**

**{**

**Public function run()**

**{**

**$data = array{**

**‘name’ =>’Admin’,**

**‘email’ =>’admin@email.com’,**

**‘username’ => ‘admin’,**

**‘password’ => password\_hash(‘12345’,PASSWORD\_BCRYPT),**

**);**

**$this->db->table(‘users’)->insert($data);**

**}**

**}**

**7: IN TERMINAL:-**

**php spark db:seed UserSeeder**