

PROJECT 3

Contact Manager



Shawn Nasseri
Project 3
DGMD E-2

Web Programming for
Beginners with PHP

Shawn Nasseri

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OVERVIEW

This is a simple contact management system. You can add contacts and get a listing. The open screen at p3.computersoft.click will open the site. You can add contacts and get a listing of all contacts.

DATABASE

Login data in .env

APP_NAME='P3'

APP_URL='http://P3.computersoft.click'

DB_HOST='127.0.0.1'

DB_NAME='contactDB'

DB_USERNAME='hes'

DB_PASSWORD='teal1966'

The database structure is below for contactDB with one table contact

Table contact

```
'first_name' => 'varchar(255)',
'last_name' => 'varchar(255)',
'street' => 'text',
'city' => 'varchar(30)',
'state' => 'varchar(2)',
'zip' => 'varchar(20)',
'phone' => 'varchar(12)',
'email' => 'varchar(255)'
```

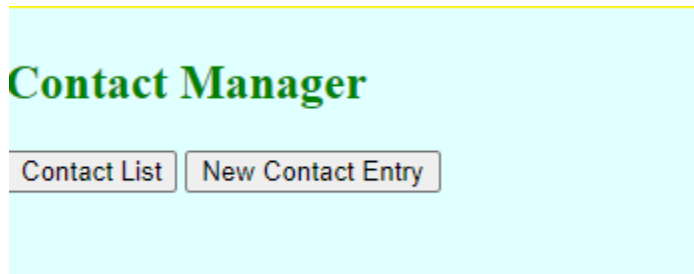
Migrate will create the table and seedContact will put seed data in the table contact from a contact.json file listed below:

```
{
  "1": {
    "id": 1,
    "first_name": "Cindy",
    "last_name": "Washington",
    "street": "1 Clear Street",
    "city": "Wilmington",
    "state": "NC",
    "zip": "29930",
    "phone": "910-555-3904",
    "email": "cindy@yahoo.com"
  },
  "2": {
    "id": 2,
    "first_name": "Mandy",
    "last_name": "Breakwater",
    "street": "1 Ocean Street",
    "city": "Myrtle Beach",
    "state": "SC",
    "zip": "34930",
    "phone": "910-555-3905",
    "email": "mandy@gmail.com"
  },
  "3": {
    "id": 3,
    "first_name": "Lucy",
    "last_name": "Seaplace",
    "street": "11 Singer Street",
    "city": "West Palm",
    "state": "FL",
    "zip": "84930",
    "phone": "910-555-3909",
```

```
        "email": "lucy@vacation.com"
    },
    "4": {
        "id": 4,
        "first_name": "Mary",
        "last_name": "Raleigh",
        "street": "11 Lucky Street",
        "city": "Cary",
        "state": "NC",
        "zip": "34230",
        "phone": "910-555-5453",
        "email": "mary@citycary.com"
    },
    "5": {
        "id": 5,
        "first_name": "Anna",
        "last_name": "Nice",
        "street": "114 Ace Street",
        "city": "Happy",
        "state": "NC",
        "zip": "45230",
        "phone": "910-555-5444",
        "email": "Anna@international.com"
    },
    "6": {
        "id": 6,
        "first_name": "Sarah",
        "last_name": "Simpson",
        "street": "992 Nice Ave",
        "city": "Wrightsville Beach",
        "state": "NC",
        "zip": "24830",
        "phone": "910-543-4453",
        "email": "Sarah@gmail.com"
    }
}
```

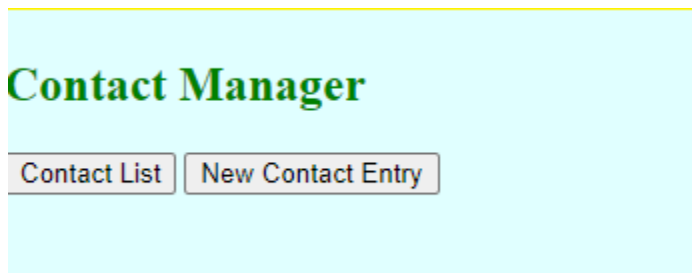
Contact View Listing

Pressing the Contact List button will give you a listing of all contacts



NEW CONTACT ENTRY

- *Pressing the new contact entry button will give you a form to enter new contacts.*



The form has validation and all fields are required. Zip code is numbers only. Please see below:

```
'first_name' => 'required',
  'last_name' => 'required',
  'street' => 'required|alphaNumericDash',
  'city' => 'required',
  'state' => 'required',
  'zip' => 'required|numeric',
  'phone' => 'required|alphaNumericDash',
  'email' => 'required'
```

You can go back to home page by clicking back to home on the top of the form.

[Back To Home](#)

New Contact

Or you can click Add Contact at bottom of form to add the contacts.
Please note all fields have to be filled and correct data in each field
based on validation.

Email	<input type="text" value="captain@scuba-now.com"/>
<input type="button" value="Add Contact"/>	

[Back To Home](#)

New Contact

All fields are required

First Name

Last Name

Can only contain letters.

Street

City

State

zip

Phone

Email

If all goes well. You will see the below:

Thank you, your contact was added! [View All Contacts](#)
[Back To Home](#)

New Contact

You can click on View All Contacts or Back To Home page.

View All Contacts will get you the listing of all contacts. Below is my sample data.

All Contacts

[Add New Contact](#) [Home Page](#)

- Shawn Nasser 5815 Nice Street Wilmington NC 28478 9103339999 captain@scuba-now.com
- Sarah Simpson 992 Nice Ave Wrightsville Beach NC 24830 910-543-4453 Sarah@gmail.com
- Anna Nice 114 Ace Street Happy NC 45230 910-555-5444 Anna@international.com
- Mary Raleigh 11 Lucky Street Cary NC 34230 910-555-5453 mary@citycary.com
- Lucy Seaplace 11 Singer Street West Palm FL 84930 910-555-3909 lucy@vacation.com
- Mandy Breakwater 1 Ocean Street Myrtle Beach SC 34930 910-555-3905 mandy@gmail.com
- Cindy Washington 1 Clear Street Wilmington NC 29930 910-555-3904 cindy@yahoo.com

Contact Manager Testing

Using Acceptance testing.

```
actor: AcceptanceTester
modules:
  enabled:
    - PhpBrowser:
        url: http://p3.computersoft.click/
step_decorators: ~
```

```
Tests.Acceptance Tests (1) -----
-----
ContactPageCest: New contact
Signature: Tests\Acceptance\ContactPageCest:newContact
Test: tests/Acceptance/ContactPageCest.php:newContact
Scenario --
  I am on page "/contacts/new"
  I see "New Contact"
  PASSED

-----
-----

Tests.Functional Tests (0) -----
-----
-----

Tests.Unit Tests (0) -----
-----
-----

Time: 00:00.054, Memory: 10.00 MB

OK (1 test, 1 assertion)
root@hes:/var/www/e2/P3#
^^^
```

