



## ASSIGNMENT 2

**SUBJECT CODE :** BCS3453

**SUBJECT TITLE :** INTEGRATED APPLICATION DEVELOPMENT FRAMEWORK

**SECTION :** 01A

**LECTURER :** Ts. Dr. AZLEE BIN ZABIDI

**GROUP NAME :** GROUP 14

<b>NAME</b>	<b>STUDENT ID</b>
NUR ALYA SYAKIRAH BINTI NASARUDIN	CB22141

## 1) SETTING UP LARAVEL PROJECT

- Project Setup

Created a new Laravel project using the command:

```
laravel new customer-management
```

Opened the project in a code editor and set up the environment file (.env) for database connection.

- Database Configuration

Configured the database connection in the .env file:

```
DB_CONNECTION=mysql
```

```
DB_HOST=127.0.0.1
```

```
DB_PORT=3306
```

```
DB_DATABASE=customermanagement
```

```
DB_USERNAME=root
```

```
DB_PASSWORD=
```

The screenshot shows a code editor interface with a terminal window open. The terminal window displays the contents of the .env file, which includes database configuration settings. The file path .env is highlighted in blue. The terminal also shows output from a Laravel server, indicating it's running on port 8000. A message at the bottom of the terminal window says "Press Ctrl+C to stop the server".

```
> theseer
> tijssverkoyen
> vlucas
> voku
> webmozart
✖ autoload.php
{} pest-plugins.json
⚙ .editorconfig
⚙ .env
$ .env.example
↳ .gitattributes
↳ .gitignore
≡ artisan
⋮
```

23  
24 DB\_CONNECTION=mysql  
25 DB\_HOST=127.0.0.1  
26 DB\_PORT=3306  
27 DB\_DATABASE=customermanagement  
28 DB\_USERNAME=root  
29 DB\_PASSWORD=  
30

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

forking is not supported on this platform

INFO Server running on [http://127.0.0.1:8000].

Press Ctrl+C to stop the server

Figure 1 : .env

- Tested the database connection using:

```
php artisan migrate
```

## 2) IMPLEMENTING MVC STRUCTURE

- Model Creation

Created the Customer model:

```
php artisan make:model Customer
```

Defined the table name and fillable fields in the Customer model:

```
namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Customer extends Model
{
    use HasFactory;

    protected $fillable = [
        'name', 'email', 'address', 'phoneNumber',
        'gender', 'birthday'
    ];
}
```

- Controller Creation

Created a CustomerController:

```
php artisan make:controller CustomerController
```

Implemented methods in the controller for fetching data and handling filters:

```
public function index(Request $request)
{
    $query = Customer::query();

    if ($request->has('gender')) {
        $query->where('gender', $request-
>input('gender'));
    }

    if ($request->has('birthday')) {
        $query->where('birthday', $request-
>input('birthday'));
    }

    $customers = $query->paginate(10);

    return view('index', compact('customers'));
}
```

**Blade View:**

Created the index.blade.php in the resources/views folder to display customer data.

### 3) DATABASE MIGRATION

- Migration File Creation

Created a migration file for the customers table:

```
php artisan make:migration create_customers_table
```

- Fields in the Migration File

Defined the schema for the customers table:

```
public function up()
{
    Schema::create('customers', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->string('email')->unique();
        $table->string('address');
        $table->string('phoneNumber');
        $table->enum('gender', ['Male', 'Female']);
        $table->date('birthday');
        $table->timestamps();
    });
}
```

- Migration Commands

Ran the migration to create the table:

```
php artisan migrate
```

#### 4) GENERATING FAKE DATA WITH FAKER

- Factory Implementation

Created a factory for the Customer model:

```
php artisan make:factory CustomerFactory
```

Defined the fake data generation logic in CustomerFactory:

```
public function definition()
{
    return [
        'name' => $this->faker->name(),
        'email' => $this->faker->unique()-
>safeEmail(),
        'address' => $this->faker->address(),
        'phoneNumber' => $this->faker-
>phoneNumber(),
        'gender' => $this->faker-
>randomElement(['Male', 'Female']),
        'birthday' => $this->faker->date(),
    ];
}
```

- Seeder Implementation

Created a seeder for the Customer model:

```
php artisan make:seeder CustomerSeeder
```

Generated 100 customer records in the CustomerSeeder:

```
public function run()
{
    Customer::factory(100)->create();
}
```

- Seeding Commands

Ran the database seeder:

```
php artisan db:seed --class=CustomerSeeder
```

## 5) DISPLAYING DATA IN A TABLE

- Blade Template Design

Created a responsive table in index.blade.php to display customer data:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
    <title>Customer Management System</title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
    <style>
        .custom-button {
            background-color: #1AA260;
            color: black;
            border: none;
        }
        .custom-button:hover {
            background-color: #90EE90;
        }
        .back-button {
            background-color: #1AA260;
            color: black;
            border: none;
        }
        .back-button:hover {
            background-color: #90EE90;
        }
        body {
            background-color: #FFC0CB;
        }
        th {
            background-color: #1AA260 !important;
            color: white;
        }
    </style>
</head>
<body>
    <div class="container mt-5">
        <!-- Title -->
        <h1 class="mb-4">Customer Management
System</h1>
```

```

        <!-- Back to Home and Filter Form in
One Row -->
        <div class="d-flex justify-content-
between align-items-center mb-4">
            <!-- Back to Home Button -->
            <a href="{{ url('') }}">
                class="btn back-button">Back to Home</a>

            <!-- Filter Form -->
            <form method="GET" action="{{
route('customers.index') }}" class="d-flex
align-items-center">
                <div class="me-2">
                    <select name="gender"
class="form-select">
                        <option
value="">Select Gender</option>
                        <option value="Male"
{{ request('gender') == 'Male' ? 'selected' :
'' }}>Male</option>
                        <option
value="Female" {{ request('gender') ==
'Female' ? 'selected' : '' }}>Female</option>
                    </select>
                </div>
                <div class="me-2">
                    <select name="birthday"
class="form-select">
                        <option
value="">Select Birthday Filter</option>
                        <option
value="after2000" {{ request('birthday') ==
'after2000' ? 'selected' : '' }}>Born After
2000</option>
                    </select>
                </div>
                <button type="submit"
class="btn custom-button">Filter</button>
            </form>
        </div>

        <!-- Customers Table -->
        <table class="table table-bordered
table-striped">
            <thead>
                <tr>

```

```

        <th>Name</th>
        <th>Email</th>
        <th>Address</th>
        <th>Phone Number</th>
        <th>Gender</th>
        <th>Birthday</th>
    </tr>
</thead>
<tbody>
    @forelse ($customers as $customer)
        <tr>
            <td>{{ $customer->name }}</td>
            <td>{{ $customer->email }}</td>
            <td>{{ $customer->address }}</td>
            <td>{{ $customer->phoneNumber }}</td>
            <td>{{ $customer->gender }}</td>
            <td>{{ $customer->birthday }}</td>
        </tr>
    @empty
        <tr>
            <td colspan="6" class="text-center">No customers found</td>
        </tr>
    @endforelse
</tbody>
</table>
</div>
</body>
</html>

```

## 6) IMPLEMENTING DATA FILTERING

- Filter Implementation in Controller

Added logic in the CustomerController to handle gender and birthday filters:

```
        if ($request->has('gender') && $request-
>gender != '') {
            $query->where('gender', $request-
>gender);
        }
        if ($request->has('birthday') && $request-
>birthday == 'after2000') {
            $query->whereYear('birthday', '>', 2000)
                ->orderBy('birthday', 'asc'); // 
Sort by birthday in ascending order
        }

$customers = $query->get();

        if ($request->has('from') && $request->from
== 'filter') {
            return view('filter',
compact('customers'));
        }

        return view('index', compact('customers'));
    }
}
```

- Filter UI in Blade View

Added dropdown and input fields for filters in index.blade.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-
width, initial-scale=1.0">
    <title>Filtered Customers</title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/d
ist/css/bootstrap.min.css">
    <style>
        .custom-button {
            background-color: #ffc107; /* Yellow-
Gold */
            color: black;
        }
    </style>

```

```

        border: none;
    }
    .custom-button:hover {
        background-color: #e0a800; /* Darker
Yellow-Gold */
    }

```

</style>

</head>

<body>

```

<div class="container mt-5">
    <h1 class="mb-4">Filter Customers</h1>

    <!-- Filter Form -->
    <form method="GET" action="{{ route('customers.filter') }}" class="mb-4">
        <input type="hidden" name="from"
value="filter" > <!-- Identify this is from
filter.blade.php -->
        <div class="row g-3">
            <div class="col-md-3">
                <select name="gender"
class="form-select">
                    <option value="">Select
Gender</option>
                    <option value="Male" {{ request('gender') == 'Male' ? 'selected' : '' }}>Male</option>
                    <option value="Female" {{ request('gender') == 'Female' ? 'selected' : '' }}>Female</option>
                </select>
            </div>
            <div class="col-md-3">
                <select name="birthday"
class="form-select">
                    <option value="">Select
Birthday Filter</option>
                    <option value="after2000" {{ request('birthday') == 'after2000' ? 'selected' : '' }}>Born After 2000</option>
                </select>
            </div>
            <div class="col-md-2">
                <button type="submit" class="btn
custom-button">Filter</button>
            </div>
        </div>
    </div>

```

```

        </form>

        <!-- Filtered Results Table -->
        <table class="table table-bordered table-striped">
            <thead>
                <tr>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Address</th>
                    <th>Phone Number</th>
                    <th>Gender</th>
                    <th>Birthday</th>
                </tr>
            </thead>
            <tbody>
                @forelse ($customers as $customer)
                    <tr>
                        <td>{{ $customer->name }}</td>
                        <td>{{ $customer->email }}</td>
                        <td>{{ $customer->address }}</td>
                        <td>{{ $customer->phoneNumber }}</td>
                        <td>{{ $customer->gender }}</td>
                        <td>{{ $customer->birthday }}</td>
                    </tr>
                @empty
                    <tr>
                        <td colspan="6" class="text-center">No customers found</td>
                    </tr>
                @endforelse
            </tbody>
        </table>
    </div>
</body>
</html>

```

## 7) CUSTOMERS LIST AND FILTERED VIEWS

Customer Management System

Name	Email	Address	Phone Number	Gender	Birthday
Charlie Sipes	wlueilwitz@example.net	762 Kelsie Mission North Tabitha, NM 13377-0596	1-707-392-5869	Female	1987-09-08
Sherwood Kshlerin	wmarquardt@example.org	688 Haag Locks Suite 343 North Josie, ME 15916	+1-312-781-2442	Male	1972-12-01
Woodrow Ebert	ocummerata@example.com	923 Trantow Glen Suite 959 South Alverta, NE 83018-1851	(781) 982-7892	Female	1995-11-04
Mr. Saul Bins	sigrid48@example.com	1030 Macejkovic Neck North Ruthiemouth, HI 27325	+19599237082	Male	1988-07-06
Kaylee O'Kon	koelpin.arnold@example.net	99990 Vincent Creek Bartolettibury, KY 13968	+1-806-923-3316	Male	2019-06-08
Brigitte Kulas	kristian.auer@example.net	4216 Ansel Junction Mayrafurt, NY 59730	(574) 897-2515	Female	1972-02-29
Kareem Marks	heath.jakubowski@example.org	33540 Shanahan Locks Port Trace, NJ 05521	+19285345184	Male	1999-09-20
Dameon Rice	stephen65@example.com	957 Parisian Crescent Suite 321 Schmittville, CA 22459-2718	(812) 820-1243	Female	1988-01-17

Figure 2 : List of 100 customers

Customer Management System

Name	Email	Address	Phone Number	Gender	Birthday
Charlie Sipes	wlueilwitz@example.net	762 Kelsie Mission North Tabitha, NM 13377-0596	1-707-392-5869	Female	1987-09-08
Sherwood Kshlerin	wmarquardt@example.org	688 Haag Locks Suite 343 North Josie, ME 15916	+1-312-781-2442	Male	1972-12-01
Woodrow Ebert	ocummerata@example.com	923 Trantow Glen Suite 959 South Alverta, NE 83018-1851	(781) 982-7892	Female	1995-11-04
Mr. Saul Bins	sigrid48@example.com	1030 Macejkovic Neck North Ruthiemouth, HI 27325	+19599237082	Male	1988-07-06
Kaylee O'Kon	koelpin.arnold@example.net	99990 Vincent Creek Bartolettibury, KY 13968	+1-806-923-3316	Male	2019-06-08
Brigitte Kulas	kristian.auer@example.net	4216 Ansel Junction Mayrafurt, NY 59730	(574) 897-2515	Female	1972-02-29
Kareem Marks	heath.jakubowski@example.org	33540 Shanahan Locks Port Trace, NJ 05521	+19285345184	Male	1999-09-20
Dameon Rice	stephen65@example.com	957 Parisian Crescent Suite 321 Schmittville, CA 22459-2718	(812) 820-1243	Female	1988-01-17

Figure 3 : Select gender ( male )

Customer Management System

Back to Home Male Select Birthday Filter Filter

Name	Email	Address	Phone Number	Gender	Birthday
Sherwood Kshlerin	wmarquardt@example.org	688 Haag Locks Suite 343 North Josie, ME 15916	+1-312-781-2442	Male	1972-12-01
Mr. Saul Bins	sigrid48@example.com	1030 Macejkovic Neck North Ruthiemouth, HI 27325	+19599237082	Male	1988-07-06
Kaylee O'Kon	koelpin.arnold@example.net	99990 Vincent Creek Bartolettibury, KY 13968	+1-806-923-3316	Male	2019-06-08
Kareem Marks	heath.jakubowski@example.org	33540 Shanahan Locks Port Trace, NJ 05521	+19285345184	Male	1999-09-20
Lauren Block PhD	elvie73@example.net	14783 Nicholaus Plains Suite 525 West Webster, WA 19460	737.584.1894	Male	2000-03-27
Geoffrey Macejkovic I	rcormier@example.org	45205 Toy Crossroad Dickinsonstad, SD 00998-7879	+1.843.281.6527	Male	1986-04-01
Adaline Strosin	stark.ramona@example.org	8621 Skiles Knoll Suite 411 Kunzeview, VA 99843	732-798-5428	Male	1986-03-24
Tremaine Kuhlman	kling.joey@example.net	347 Alden Pass Roobshire, RI 31046	283.223.5448	Male	1986-07-27
Benedict Dare	eichmann.wyatt@example.org	38788 Colten Ramp Vivianeport, MD 78159	680-764-0571	Male	1996-08-27
Ken Hoeger	nasir.heaney@example.org	57787 Kristian Plains Apt. 914 Elizafurt, WI 51392-0875	+1-985-358-0394	Male	2022-06-14
Tobin Kautzer	hschultz@example.com	50560 Harber Port Roselynburgh, DC 33718	+1 (517) 724-4629	Male	1970-01-09
Prof. Marcus Bernhard	norbert.cremin@example.com	5575 Sydnie Shoal Apt. 425 Boyerberg, MS 79229-2411	+1.838.370.9774	Male	2003-09-10

Figure 4 : Filter select ( male )

Customer Management System

Back to Home Female Select Birthday Filter Filter

Name	Email	Address	Number	Gender	Birthday
Sherwood Kshlerin	wmarquardt@example.org	688 Haag Locks Suite 343 North Josie, ME 15916	+1-312-781-2442	Male	1972-12-01
Mr. Saul Bins	sigrid48@example.com	1030 Macejkovic Neck North Ruthiemouth, HI 27325	+19599237082	Male	1988-07-06
Kaylee O'Kon	koelpin.arnold@example.net	99990 Vincent Creek Bartolettibury, KY 13968	+1-806-923-3316	Male	2019-06-08
Kareem Marks	heath.jakubowski@example.org	33540 Shanahan Locks Port Trace, NJ 05521	+19285345184	Male	1999-09-20
Lauren Block PhD	elvie73@example.net	14783 Nicholaus Plains Suite 525 West Webster, WA 19460	737.584.1894	Male	2000-03-27
Geoffrey Macejkovic I	rcormier@example.org	45205 Toy Crossroad Dickinsonstad, SD 00998-7879	+1.843.281.6527	Male	1986-04-01
Adaline Strosin	stark.ramona@example.org	8621 Skiles Knoll Suite 411 Kunzeview, VA 99843	732-798-5428	Male	1986-03-24
Tremaine Kuhlman	kling.joey@example.net	347 Alden Pass Roobshire, RI 31046	283.223.5448	Male	1986-07-27
Benedict Dare	eichmann.wyatt@example.org	38788 Colten Ramp Vivianeport, MD 78159	680-764-0571	Male	1996-08-27
Ken Hoeger	nasir.heaney@example.org	57787 Kristian Plains Apt. 914 Elizafurt, WI 51392-0875	+1-985-358-0394	Male	2022-06-14
Tobin Kautzer	hschultz@example.com	50560 Harber Port Roselynburgh, DC 33718	+1 (517) 724-4629	Male	1970-01-09
Prof. Marcus Bernhard	norbert.cremin@example.com	5575 Sydnie Shoal Apt. 425 Boyerberg, MS 79229-2411	+1.838.370.9774	Male	2003-09-10

Figure 5 : Select gender ( female )

Customer Management System

Back to Home Female Select Birthday Filter Filter

Name	Email	Address	Phone Number	Gender	Birthday
Charlie Sipes	wlueilwitz@example.net	762 Kelsie Mission North Tabitha, NM 13377-0596	1-707-392-5869	Female	1987-09-08
Woodrow Ebert	ocummerata@example.com	923 Trantow Glen Suite 959 South Alverta, NE 83018-1851	(781) 982-7892	Female	1995-11-04
Brigitte Kulas	kristian.auer@example.net	4216 Ansel Junction Mayrafurt, NY 59730	(574) 897-2515	Female	1972-02-29
Dameon Rice	stephen65@example.com	957 Parisian Crescent Suite 321 Schmittville, CA 22459-2718	(812) 820-1243	Female	1988-01-17
Elinor Denesik DVM	dach.milford@example.org	22227 Toy Fork Jessberg, ME 38081	838-633-9566	Female	1983-03-31
Lawrence Hayes Sr.	joyce56@example.com	105 Gerhold Neck Bogisichton, AZ 50199	+1.743.277.4515	Female	1997-10-19
Kyle Stokes	hpagac@example.com	356 Cordell Mews Milliehaven, ME 04097-9854	1-417-674-8433	Female	2019-05-11
Xander Gibson	smcdermott@example.com	5277 Paucek Ridge Port Unique, GA 93982-1644	+1-717-413-8494	Female	1994-09-23
Kasey Yost	wyman.mclaughlin@example.org	8412 Mabel Run Jordyville, IA 72832-9400	+12514207587	Female	1979-07-14
Lenore Collins	cleta.wolff@example.com	428 Felicia Groves Apt. 720 West Maymietown, OH 11405-2568	1-928-549-6122	Female	1999-07-25
Loy Kshlerin	maximo.pouros@example.org	18210 Denesik Track South Rettachester, AL 78406-6318	+1.385.760.5302	Female	1999-06-06
Naomi Berge	dietrich.emmanuelle@example.com	8798 Brenda Meadow West Donald, TX 35905	(859) 713-8580	Female	1971-02-20

Figure 6 : Filter select ( female )

Customer Management System

Back to Home Male Select Birthday Filter Filter

Name	Email	Address	Phone	Born After 2000	Birthday
Sherwood Kshlerin	wmarquardt@example.org	688 Haag Locks Suite 343 North Josie, ME 15916	+1-312-781-2442	Male	1972-12-01
Mr. Saul Bins	sigrid48@example.com	1030 Macejkovic Neck North Ruthiemouth, HI 27325	+19599237082	Male	1988-07-06
Kaylee O'Kon	koelpin.arnold@example.net	99990 Vincent Creek Bartolettibury, KY 13968	+1-806-923-3316	Male	2019-06-08
Kareem Marks	heath.jakubowski@example.org	33540 Shanahan Locks Port Trace, NJ 05521	+19285345184	Male	1999-09-20
Lauren Block PhD	elvie73@example.net	14783 Nicholaus Plains Suite 525 West Webster, WA 19460	737.584.1894	Male	2000-03-27
Geoffrey Macejkovic I	rcormier@example.org	45205 Toy Crossroad Dickinsonstad, SD 00998-7879	+1.843.281.6527	Male	1986-04-01
Adaline Strosin	stark.ramona@example.org	8621 Skiles Knoll Suite 411 Kunzeview, VA 99843	732-798-5428	Male	1986-03-24
Tremaine Kuhlman	kling.joey@example.net	347 Alden Pass Roobshire, RI 31046	283.223.5448	Male	1986-07-27
Benedict Dare	eichmann.wyatt@example.org	38788 Colten Ramp Vivianeport, MD 78159	680-764-0571	Male	1996-08-27
Ken Hoeger	nasir.heaney@example.org	57787 Kristian Plains Apt. 914 Elizafurt, WI 51392-0875	+1-985-358-0394	Male	2022-06-14
Tobin Kautzer	hschultz@example.com	50560 Harber Port Roselynburgh, DC 33718	+1 (517) 724-4629	Male	1970-01-09
Prof. Marcus Bernhard	norbert.cremin@example.com	5575 Sydnie Shoal Apt. 425 Boyerberg, MS 79229-2411	+1.838.370.9774	Male	2003-09-10

Figure 7 : Select birthday filter born after 2000 ( male )

← → ⌂ 127.0.0.1:8000/customers?gender=Male&birthday=after2000

## Customer Management System

[Back to Home](#)

Male ▾ Born After 2000 ▾ Filter

Name	Email	Address	Phone Number	Gender	Birthday
Jasmin Jacobson	rollin.dare@example.com	5388 Cassidy Mill Apt. 922 Port Braulio, TN 48092-7330	+13472566957	Male	2001-09-22
Bobbie Feeney	anderson.haven@example.org	933 Ette Points Suite 720 Lake Fernhaven, NH 67036	+1.828.776.5559	Male	2002-11-15
Kaci Johnston DVM	xreinger@example.net	5415 Oliver Burgs Suite 926 Yoshikoton, DC 50058-5245	+1-937-926-5896	Male	2003-07-08
Prof. Marcus Bernhard	norbert.cremin@example.com	5575 Sydnie Shoal Apt. 425 Boyerberg, MS 79229-2411	+1.838.370.9774	Male	2003-09-10
Mckenzie Hintz DDS	ernestina88@example.org	293 Wanda Club Apt. 510 Blanca land, VA 61325-7168	+17176258318	Male	2005-04-22
Miles Bayer I	dietrich.lyla@example.net	879 Heathcote Crossroad South Eva, GA 61510	1-623-370-0381	Male	2010-10-14
Thelma Krajcik	maritza.quitzon@example.net	66622 Nicholaus Shoal Apt. 306 Kirstenhaven, NV 99161-5008	+12072605357	Male	2012-04-20
Alden Jaskolski I	dcummings@example.org	80512 Rosenbaum Summit Apt. 732 Sawaynchester, IL 60561	1-973-858-4275	Male	2012-07-09
Harry Mayer	eugenia73@example.org	668 Ritchie Underpass East Matteofort, AR 09739-5605	+1 (520) 524-1997	Male	2012-08-26
Keven Dooley	twila.wilkinson@example.net	97743 Anya Lodge Apt. 960 Hillport, PA 76687	+1.947.325.8758	Male	2013-01-23
Blaise Gibson	rabshire@example.com	3673 Mann Garden Apt. 054 Maiaton, NM 37747-2857	281.369.7675	Male	2013-05-06
Myrna Mayert	wdoyle@example.com	920 Houston Summit Ferrymouth, NV 42731	1-302-254-1703	Male	2015-11-30

Figure 8 : Filter birthday born after 2000 ( male )

← → ⌂ 127.0.0.1:8000/customers?gender=Female&birthday=after2000

## Customer Management System

[Back to Home](#)

Female ▾ Select Birthday Filter ▾ Filter

Name	Email	Address	Phone Number	Gender	Birthday
Raymundo Ankunding	mireya.blick@example.org	18656 Ebert Viaduct Ernschester, IL 28910-8805	+16202309550	Female	2002-10-20
Hector Connally	elta72@example.com	618 Adolphus Circles Weberchester, PA 63070	(980) 973-2098	Female	2003-09-12
Mr. Micah Kuhlman DVM	kohler.jeff@example.org	59900 Lowe Villages Lazaromouth, NE 10046	1-325-915-6841	Female	2005-11-03
Emmanuelle Sawayn	rashawn.huels@example.net	8048 Talia Plain Suite 715 Kylerburgh, NY 65769-4622	(872) 472-0702	Female	2005-12-28
Ms. Lila Boyle	frieda.stehr@example.org	40813 Daisha Crossing Suite 815 Hillhaven, TN 65172-0413	931-913-4383	Female	2006-05-01
Sofia Dickens	kavon50@example.org	34663 Camillye Course Dickiton, NH 02494-1008	+1 (707) 259-9989	Female	2008-04-27
Ms. Isabella Effertz	runolfsson.joannie@example.org	30642 Christy Wells Leschbury, IL 66684-7837	+1-847-645-3649	Female	2013-12-14
Ines Hyatt	carleton.reichert@example.org	8650 Hackett Estate South Albavry, MI 89847-9723	(952) 852-3023	Female	2016-10-19
Kyle Stokes	hpagac@example.com	356 Cordell Mews Milliehaven, ME 04097-9854	1-417-674-8433	Female	2019-05-11
Kevon West	alana94@example.net	22946 Kessler Street Apt. 549 Elisabethburgh, AK 68380	336-406-1786	Female	2020-09-30
Prof. Dorcas Prohaska	khalil.lang@example.com	8469 Ebert Brook Port Dereckbury, MN 20973	+1.331.979.9817	Female	2022-02-05
Dr. Sophia Fisher IV	mkoss@example.net	607 Ziemann Park Suite 213 Noraland, KS 83977	+17439481658	Female	2022-06-08

Figure 9 : Select birthday filter born after 2000 ( female )

← → ⌂ 127.0.0.1:8000/customers?gender=Female&birthday=after2000

## Customer Management System

[Back to Home](#)
Female
Born After 2000
Filter

Name	Email	Address	Phone Number	Gender	Birthday
Raymundo Ankunding	mireya.blick@example.org	18656 Ebert Viaduct Ernschester, IL 28910-8805	+16202309550	Female	2002-10-20
Hector Connally	elita72@example.com	618 Adolphus Circles Weberchester, PA 63070	(980) 973-2098	Female	2003-09-12
Mr. Micah Kuhlman DVM	kohler.jeff@example.org	59900 Lowe Villages Lazaremouth, NE 10046	1-325-915-6841	Female	2005-11-03
Emmanuelle Sawayn	rashawn.huels@example.net	8048 Talia Plain Suite 715 Kylerburgh, NY 65769-4622	(872) 472-0702	Female	2005-12-28
Ms. Lila Boyle	frieda.stehr@example.org	40813 Daisha Crossing Suite 815 Hillhaven, TN 65172-0413	931-913-4383	Female	2006-05-01
Sofia Dickens	kavon50@example.org	34663 Camille Course Dickiton, NH 02494-1008	+1 (707) 259-9989	Female	2008-04-27
Ms. Isabella Effertz	runolfsson.joannie@example.org	30642 Christy Wells Leschbury, IL 66684-7837	+1-847-645-3649	Female	2013-12-14
Ines Hyatt	carleton.reichert@example.org	8650 Hackett Estate South Alvabury, MI 89847-9723	(952) 852-3023	Female	2016-10-19
Kyle Stokes	hpagac@example.com	356 Cordell Mews Milliehaven, ME 04097-9854	1-417-674-8433	Female	2019-05-11
Kevon West	alana94@example.net	22946 Kessler Street Apt. 549 Elisabethburgh, AK 68380	336-406-1786	Female	2020-09-30
Prof. Dorcas Prohaska	khalil.lang@example.com	8469 Ebert Brook Port Dereckbury, MN 20973	+1.331.979.9817	Female	2022-02-05
Dr. Sophia Fisher IV	mkoss@example.net	607 Ziemann Park Suite 213 Noraland, KS 83977	+17439481658	Female	2022-06-08

Figure 10 : Filter birthday born after 2000 ( female )