

Mini Project 2

Dharunya S

Bookform.[.cs](#)

```
@{
    ViewData["Title"] = "Book Tickets";
}
@model Ticketbooking.Models.Booktickets

<div class="text-center">
    <h1 class="display-4">Book Tickets</h1>
</div>
<form asp-action="Book">
    <div>
        <label class="mt-4">Name</label>
        <input class="form-control" type="text" placeholder="" asp-for="Name" />
        <span asp-validation-for="Name" class="text-danger"></span>
    </div>
    <div>
        <label class="mt-4">Gender</label>
        <input class="form-control" type="text" placeholder="" asp-for="Gender" />
        <span asp-validation-for="Gender" class="text-danger"></span>
    </div>
    <div>
        <label class="mt-4">Age</label>
        <input class="form-control" type="number" placeholder="" asp-for="Age" />
        <span asp-validation-for="Age" class="text-danger"></span>
    </div>

    <button class="btn btn-primary mt-4" type="submit">Book</button>

</form>
@section Scripts {
    @{
        await Html.RenderPartialAsync("_ValidationScriptsPartial");
    }
}
```

[Homecontroller.cs](#)

```
using Microsoft.AspNetCore.Mvc;
using System.Diagnostics;
using Ticketbooking.Context;
using Ticketbooking.Models;
```

```

namespace Ticketbooking.Controllers
{
    public class HomeController : Controller
    {
        private readonly ILogger<HomeController> _logger;
        private ApplicationDbContext ApplicationDbContext { get; set; }

        public HomeController(ILogger<HomeController> logger, ApplicationDbContext
_appDbContext)
        {
            _logger = logger;
            ApplicationDbContext = _appDbContext;
        }
        public IActionResult Privacy()
        {
            return View();
        }
        public IActionResult Index()
        {
            return View();
        }
        public IActionResult Bookform() {
            return View();
        }
        public IActionResult Book( Booktickets booktickets) {

            ApplicationDbContext.Booktickets.Add(booktickets);

            ApplicationDbContext.SaveChanges();

            return RedirectToAction("BookingDetails");
        }

        public IActionResult BookingDetails()
        {
            var bookdet = ApplicationDbContext.Booktickets.OrderBy(x=>x.Age). ToList();
            var totalcus = bookdet.Count();
            var totalMale = bookdet.Where(x=>x.Gender=="Male").Count();
            var totalfeMale = bookdet.Where(x => x.Gender == "Female").Count();
            var avg = Math.Round(bookdet.Average(x => x.Age),2);
            ViewBag.totalcusMale = totalMale;
            ViewBag.totalcusfeMale = totalfeMale;
        }
    }
}

```

```

        ViewBag.avg = avg;

        return View(bookdet);
    }
    public IActionResult MoreDetails(string Name)
    {
        var details = AppDbContext.Booktickets.FirstOrDefault(x => x.Name == Name);
        return View(details);
    }
    public IActionResult Delete(int Id)
    {
        var delete = AppDbContext.Booktickets.FirstOrDefault(x=>x.Id==Id);
        AppDbContext.Booktickets.Remove(delete);
        AppDbContext.SaveChanges();

        return RedirectToAction("BookingDetails");
    }
    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore =
true)]
    public IActionResult Error()
    {
        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ??
HttpContext.TraceIdentifier });
    }
}

```

BookTickets

```
using System.ComponentModel.DataAnnotations;
```

```
namespace Ticketbooking.Models
```

```

{
    public class Booktickets
    {
        public int Id { get; set; }

        [Required]
        [StringLength(20, MinimumLength = 5)]
        public string Name { get; set; }
        [Required]
        [StringLength(6, MinimumLength = 4)]
    }
}

```

```

    public string Gender { get; set; }
    [Required]
    [Range(18,80)]
    public int Age { get; set; }

}
}

```

[MoreDetails.cs](#)

```

@{
    ViewData["Title"] = "Ticket Details";
}
@model Ticketbooking.Models.Booktickets

<div class="container my-5">
    <div class="card shadow-lg border-0 rounded-4">
        <div class="card-header bg-primary text-white text-center py-4">
            <h2 class="fw-bold mb-0"> Booking Details</h2>
        </div>
        <div class="card-body text-center p-4">
            <div class="mb-3">
                <span class="fw-bold text-secondary">Name:</span>
                <span class="fs-5">@Model.Name</span>
            </div>
            <div class="mb-3">
                Age:
                @Model.Age
            </div>
            <div class="mb-3">
                <span class="fw-bold text-secondary">Gender:</span>
                <span class="fs-5">@Model.Gender</span>
            </div>
            <div class="mb-3">
                <span class="fw-bold text-secondary">Dob:</span>
                <span class="fs-5">@Model.Dob</span>
            </div>
        </div>
        <div class="card-footer text-center ">
            <a asp-action="BookingDetails" asp-controller="Home" class="btn btn-primary ">
                Back to List
            </a>
        </div>
    </div>

```

```
</div>
</div>
```

Index.cshtml

```
@{
    ViewData["Title"] = "Home Page";
}
```

```
<div class="container mt-5">
    <div class="text-center mb-4">
        <h1 class="display-4 text-primary">Welcome</h1>
        <h3 class="text-primary">Coolie (2025)</h3>
    </div>
```

```
    <div class="card shadow-lg border-0" style="max-width: 900px; margin: auto;">
        <div class="row g-0">
            <div class="col-md-5">
                
            </div>
            <div class="col-md-7">
                <div class="card-body">
                    <h5 class="card-title text-primary fw-bold">About the Movie</h5>
                    <p class="card-text">
                        <strong>Coolie</strong> Coolie is an upcoming Indian Tamil-language
action thriller
                        film directed by Lokesh Kanagaraj and produced by Kalanithi Maran under
Sun Pictures.
                        The film stars Rajinikanth, Nagarjuna, Soubin Shahir, Upendra, Shruti
Haasan, Sathyaraj,
                        and Aamir Khan in the lead roles. Rachita Ram,
                        Reba Monica John, Junior MGR, Kanna Ravi, Monisha Blessy, Kaali Venkat,
                        and Charle appear in supporting roles. In the film, a mysterious man stands
up to a
                        corrupt syndicate that exploits and abuses the coolies in a coastal port
town.
                    </p>
                    <p class="card-text ">
                        Iconic songs, powerful dialogues, and unforgettable performances
                        make <strong>Coolie</strong> a timeless classic.
```

</p>

```
<a class="btn btn-primary" asp-action="Bookform"
asp-controller="Home">Book Tickets</a>
</div>
</div>
</div>
</div>
</div>
```

[AppDbContext.cs](#)

```
using Microsoft.EntityFrameworkCore;
using Ticketbooking.Models;
namespace Ticketbooking.Context
{
    public class AppDbContext: DbContext
    {
        public AppDbContext(DbContextOptions<AppDbContext> options) : base(options)
        {
        }
        public DbSet<Booktickets> Booktickets { get; set; }
    }
}
```

Output:

Welcome

Coolie (2025)



About the Movie

Coolie Coolie is an upcoming Indian Tamil-language action thriller film directed by Lokesh Kanagaraj and produced by Kalanithi Maran under Sun Pictures. The film stars Rajinikanth, Nagarjuna, Soubin Shahir, Upendra, Shruti Haasan, Sathyaraj, and Aamir Khan in the lead roles. Rachita Ram, Reba Monica John, Junior MGR, Kanna Ravi, Monisha Blessy, Kaali Venkat, and Charle appear in supporting roles. In the film, a mysterious man stands up to a corrupt syndicate that exploits and abuses the coolies in a coastal port town.

Iconic songs, powerful dialogues, and unforgettable performances make **Coolie** a timeless classic.

[Book Tickets](#)

Book Tickets

Name

Gender

Age

Book

Booking Details

Total Bookings Male: 1

Total Bookings Female: 2

Average Age of Employees: 21

Name	Age	Gender	Details	Action
jency	20	Female	...More details	<div>Delete</div>
sanjeev	21	Male	...More details	<div>Delete</div>
Nancy	22	Female	...More details	<div>Delete</div>

Booking Details

Name: jency

Age: 20

Gender: Female

Back to List

	Id	Name	Gender	Age
1	7	jency	Female	20
2	8	sanjeev	Male	21
3	9	Nancy	Female	22