

# CMCS Code

## Program.cs

```
using Microsoft.AspNetCore.Builder;
using Microsoft.Extensions.DependencyInjection;
using Microsoft.Extensions.Hosting;

var builder = WebApplication.CreateBuilder(args);
builder.Services.AddControllersWithViews();

var app = builder.Build();

if (!app.Environment.IsDevelopment())
{
    app.UseExceptionHandler("/Home/Error");
}

app.UseStaticFiles();
app.UseRouting();

app.MapControllerRoute(
    name: "default",
    pattern: "{controller=Home}/{action=Index}/{id?}");

app.Run();
```

# Controllers

## HomeController.cs

```
using Microsoft.AspNetCore.Mvc;

namespace CMCS.Mvc.Controllers
{
    public class HomeController : Controller
    {
        public IActionResult Index() => View();

        public IActionResult LecturerSubmit() => View();

        public IActionResult Claims() => View();

        public IActionResult ManagerApprove() => View();

        public IActionResult UploadProof() => View();

        public IActionResult StatusTracking() => View();

        [HttpPost]
        public IActionResult SubmitClaim(string name, string month)
        {
            ViewBag.Name = name;
            ViewBag.Month = month;
        }
    }
}
```

```
        ViewBag.Message = "Claim submitted successfully.";
        return View("Index");
    }
}
}
```

## Views

### Home

#### Claims.cshtml

```
@{
    Layout = "_Layout";
}

<h2>Claims</h2>

<section class="card">
    <div class="button-row">
        <button type="button" class="btn-primary">Add Claim</button>
    </div>

    <table class="styled-table">
        <thead>
            <tr>
                <th>Lecturer</th>
                <th>Month</th>
                <th>Amount</th>
                <th>Status</th>
                <th>Actions</th>
            </tr>
        </thead>
    </table>
</section>
```

```
        </tr>
    </thead>
    <tbody>
        <tr>
            <td>Jane Doe</td>
            <td>August 2025</td>
            <td>R 4,500.00</td>
            <td>Submitted</td>
            <td><button class="btn-secondary">Verify</button> <button class="btn-
primary">Send to Manager</button></td>
        </tr>
        <tr>
            <td>John Smith</td>
            <td>August 2025</td>
            <td>R 3,200.00</td>
            <td>Verified</td>
            <td><button class="btn-primary">Send to Manager</button></td>
        </tr>
    </tbody>
</table>
</section>
```

[Index.cshtml](#)

```
@{
    Layout = "_Layout";
}
```

```
<h2>Welcome</h2>
```

```
<p>This is the Contract Monthly Claim System (CMCS).</p>
```

```
<section class="card">
```

```
    <h3>Quick Claim Submission</h3>
```

```
    <form method="post" action="/Home/SubmitClaim" class="form-grid">
```

```
        <label>
```

```
            Name
```

```
            <input name="name" placeholder="Lecturer name" />
```

```
        </label>
```

```
        <label>
```

```
            Month
```

```
            <input name="month" placeholder="e.g. August 2025" />
```

```
        </label>
```

```
        <button type="submit" class="btn-primary">Submit Claim</button>
```

```
    </form>
```

```
    @if (ViewBag.Message != null)
```

```
    {
```

```
        <p class="info">@ViewBag.Message</p>
```

```
        <p><strong>Submitted by:</strong> @ViewBag.Name for @ViewBag.Month</p>
```

```
    }
```

```
</section>
```

```
LectureSubmit.cshtml
```

```
@{
```

```
    Layout = "_Layout";
```

```
}
```

## <h2>Lecturer - Submit Claim</h2>

<section class="card">

<form class="form-grid">

<label>

Lecturer Name

<input placeholder="Full name" />

</label>

<label>

Month

<input placeholder="e.g. August 2025" />

</label>

<label>

Hours Worked

<input placeholder="Number of hours" />

</label>

<label>

Hourly Rate

<input placeholder="Rate per hour" />

</label>

<label>

Claim Amount

<input placeholder="Calculated amount" readonly />

</label>

<div class="button-row">

<button type="button" class="btn-secondary">Attach Supporting Docs</button>

```
        <button type="button" class="btn-primary">Submit Claim</button>

    </div>

</form>

</section>
```

## ManagerApprove.cshtml

```
@{
    Layout = "_Layout";
}

<h2>Academic Manager - Approve Claims</h2>

<section class="card">

    <div class="claim">

        <h4>Jane Doe — August 2025</h4>

        <p><strong>Amount:</strong> R 4,500.00</p>

        <p><strong>Supporting Docs:</strong> Attached</p>

        <div class="button-row">

            <button class="btn-primary">Approve</button>

            <button class="btn-danger">Reject</button>

        </div>

    </div>

</section>
```

## StatusTracking.cshtml

```
@{
    Layout = "_Layout";
}

<h2>Claim Status Tracking</h2>
```

```
<section class="card">
  <ol class="status-list">
    <li>Submitted — <strong>Aug 5, 2025</strong></li>
    <li>Verified — <strong>Aug 7, 2025</strong></li>
    <li>Approved — <strong>Aug 9, 2025</strong></li>
    <li>Settled — <strong>Aug 12, 2025</strong></li>
  </ol>
</section>
```

## UploadProof

@{

Layout = "\_Layout";

}

<h2>Upload Supporting Documents</h2>

```
<section class="card">
  <form enctype="multipart/form-data" class="form-grid">
    <label>
      Select file
      <input type="file" />
    </label>
    <div class="button-row">
      <button type="button" class="btn-primary">Attach</button>
    </div>
  </form>
</section>
```



## Shared

### \_Layout.cshtml

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8" />

    <meta name="viewport" content="width=device-width" />

    <title>CMCS</title>

    <link rel="stylesheet" href="~/css/site.css" />

</head>

<body>

    <header class="site-header">

        <div class="container">

            <h1 class="logo">Contract Monthly Claim System (CMCS)</h1>

            <nav class="navbar">

                <a href="/">Home</a>

                <a href="/Home/LecturerSubmit">Lecturer Submit</a>

                <a href="/Home/Claims">Claims</a>

                <a href="/Home/ManagerApprove">Academic Manager</a>

                <a href="/Home/UploadProof">Upload Proof</a>

                <a href="/Home/StatusTracking">Status Tracking</a>

            </nav>

        </div>

    </header>

    <main class="container">
```

@RenderBody()

</main>

<footer class="site-footer">

<div class="container">

<small>Contract Monthly Claim System © 2025</small>

</div>

</footer>

</body>

</html>