
DEPARTMENT OF AI AND DS

# MOVIE INFO PAGE

## A Front-End UI UX Project

**By**

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## ABSTRACT

This project involves the design and development of a responsive movie information webpage for the fictional film *The Night Watch*. The key goal is to create a visually engaging layout that presents movie details, cast profiles, user reviews, and streaming availability in an organized and attractive manner. The page is built entirely using HTML5 and CSS3, focusing on cinematic aesthetics, clear content hierarchy, and responsive design principles. Core technologies include semantic HTML5 structure, modern CSS techniques such as Flexbox, Grid, and CSS variables, along with media queries for responsiveness. The final outcome is a functional, accessible, and visually appealing single-page movie showcase suitable for promotional or informational purposes.

## OBJECTIVES

- Design a cinematic, user-friendly interface based on modern UI/UX principles.
- Structure movie-related content using semantic HTML5 tags.
- Implement responsive layouts using CSS Flexbox and Grid.
- Apply branding through theme colors, typography, and imagery.
- Ensure accessibility and readability across devices.

## SCOPE

- Focused on **front-end design only** (no JavaScript or backend).
- Includes movie title, poster, synopsis, cast, reviews, and streaming availability sections.
- Designed for desktop, tablet, and mobile viewports.
- Used only open-source tools and pure HTML/CSS (no frameworks).

## TOOLS AND TECHNOLOGY

| Tool/Technology | Purpose |
|---|---|
| HTML5 | Markup and content structure |
| CSS3 | Styling, layout, and theme management |
| VS Code | Code editor |
| Chrome DevTools | Testing and debugging |

## HTML STRUCTURE OVERVIEW

- Semantic tags used: `<header>`, `<section>`, `<main>`, `<footer>`.
- Organized into sections: Banner, Synopsis, Cast, Reviews, Where to Watch.
- Images handled via `<img>` tags with descriptive alt attributes for accessibility.

## CSS STYLING STRATEGY

Used an **external CSS file** (`movie.css`).Organized with logical sections and CSS variables for easy theming.

Techniques used:

- Flexbox and Grid for layout arrangements.
- Media queries for responsive adaptation.

- CSS variables for theme customization.
- Hover and shadow effects for visual depth.
- Mobile-first design approach.

## KEY FEATURES

| Feature | Description |
|---|---|
| Responsive Design | Adapts seamlessly to all screen sizes |
| Cinematic Banner | Full-width background with overlay and movie poster |
| Cast Profiles | Grid layout with images and role captions |
| Star Ratings | CSS-only star rating visualization |
| Streaming Info | List of platforms with availability details |

## CHALLENGES FACED AND SOLUTIONS

| Challenge | Solution |
|---|---|
| Maintaining text readability over images | Added semi-transparent overlay to banners |
| Layout breaking on small screens | Used media queries to stack elements vertically |
| Consistent spacing and alignment | Applied CSS Grid/Flexbox instead of manual margins |

## OUTCOME

- Achieved a clean, cinematic front-end design for a movie showcase page.
- Ensured responsive behavior on desktop, tablet, and mobile devices.
- Learned advanced CSS layout techniques and theme management via variables.

## FUTURE ENHANCEMENTS

- Add JavaScript for interactive elements (review filtering, animations).
- Integrate backend for dynamic content loading.
- Enable real-time streaming availability updates.
- Add accessibility enhancements like ARIA labels for screen readers.

## SAMPLE CODE

2 PAGES OF HTML CODE(SAMPLE)

```html
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Movie Title • Info</title>
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Cinzel:wght@400;700&family=Source+Sans+3:wght@300;400;600&display=swap" rel
  <link rel="stylesheet" href="movie.css">
</head>
<body>
  <header class="site-header">
    <div class="container header-inner">
      <div class="title-block">
        <h1 class="movie-title">THE NIGHT WATCH</h1>
        <p class="meta">Dark Thriller • 2023</p>
      </div>
      <div class="cta">
        <a class="watch-btn" href="#where">Where to Watch</a>
      </div>
    </div>
  </header>

  <section class="banner" style="background-image: url('images/banner.jpg')">
    <div class="overlay"></div>
    <div class="container banner-inner">
      <img class="poster" src="images/poster.jpg" alt="Movie poster">
      <div class="banner-text">
        <h2>THE NIGHT WATCH</h2>
        <p class="tag">A city, a secret, and the thin line between justice and vengeance.</p>
        <div class="meta-row">
          <span>Director: Jane Doe</span>
          <span>•</span>
          <span>Runtime: 2h 10m</span>
        </div>
      </div>
    </div>
  </section>
```

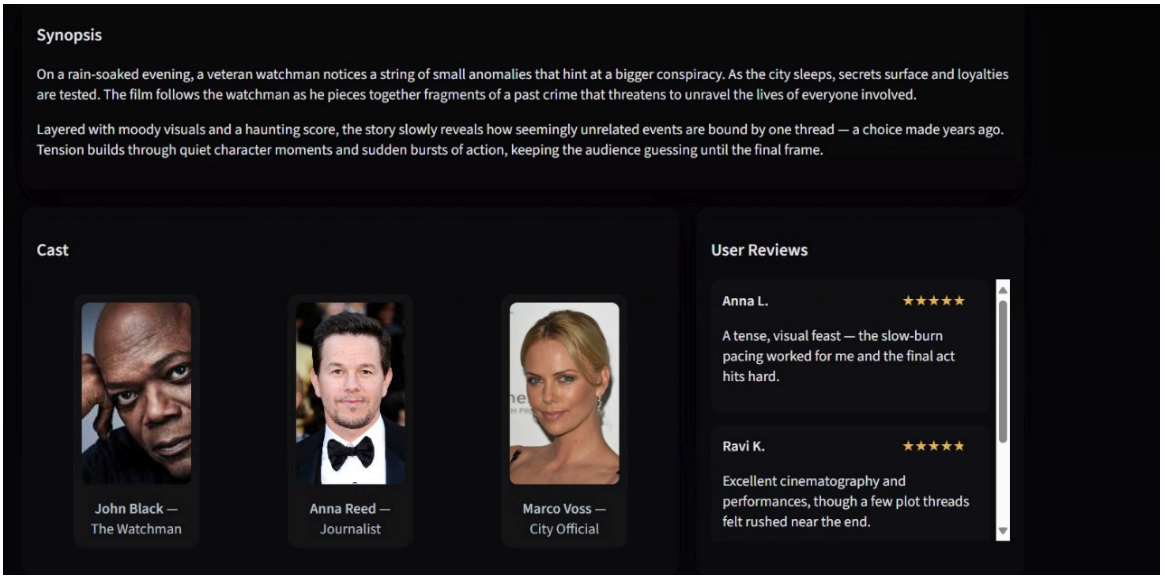
```html
<main class="container main-content">
  <section id="synopsis" class="card synopsis">
    <h3>Synopsis</h3>
    <p>
      On a rain-soaked evening, a veteran watchman notices a string of small anomalies that hint at a bigger conspiracy. As the city sleeps, secrets surface and loyalti
    </p>
    <p>
      Layered with moody visuals and a haunting score, the story slowly reveals how seemingly unrelated events are bound by one thread — a choice made years ago. Tensio
    </p>
  </section>

  <section id="cast" class="card cast">
    <h3>Cast</h3>
    <div class="cast-grid">
      <figure class="cast-member">
        <img src="images/cast-actor1.jpg" alt="Actor 1">
        <figcaption>
          <strong>John Black</strong>
          <span>— The Watchman</span>
        </figcaption>
      </figure>

      <figure class="cast-member">
        <img src="images/cast-actor2.jpg" alt="Actor 2">
        <figcaption>
          <strong>Anna Reed</strong>
          <span>— Journalist</span>
        </figcaption>
      </figure>

      <figure class="cast-member">
        <img src="images/cast-actor3.jpg" alt="Actor 3">
        <figcaption>
          <strong>Marco Voss</strong>
          <span>— City Official</span>
        </figcaption>
      </figure>
```

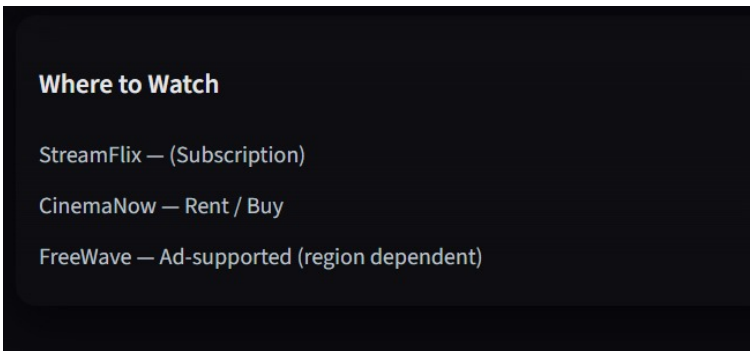
## 2 PAGES OF CSS CODE(SAMPLE)

```css
:root{
  --bg:#0b0b10;
  --card:#0f1014;
  --muted:#bfc2ca;
  --accent:#e6b45a; /* cinematic warm gold */
  --glass: rgba(255,255,255,0.03);
}

*{box-sizing:border-box}
body{
  margin:0;
  font-family: 'Source Sans 3', system-ui, -apple-system, 'Segoe UI', Roboto, 'Helvetica Neue', Arial;
  background: linear-gradient(180deg,#050507 0%, #0b0b10 100%);
  color: #e7e7ea;
  -webkit-font-smoothing:antialiased;
}
.container{max-width:1100px;margin:0 auto;padding:1rem}

/* Header */
.site-header{position:sticky;top:0;background:linear-gradient(180deg, rgba(0,0,0,0.6), transparent);backdrop-filter: blur(4px);z-index:10}
.header-inner{display:flex;align-items:center;justify-content:space-between;padding:0.8rem 0}
.movie-title{font-family: 'Cinzel', serif;margin:0;font-size:1.4rem;letter-spacing:2px}
.meta{color:var(--muted);font-size:0.9rem;margin-top:4px}
.watch-btn{background:var(--accent);color:#111;padding:0.5rem 0.9rem;border-radius:8px;text-decoration:none;font-weight:600}

/* Banner */
.banner{position:relative;padding:4rem 0;background-size:cover;background-position:center;min-height:340px;display:flex;align-items:center}
.banner .overlay{position:absolute;inset:0;background:linear-gradient(180deg, rgba(3,3,3,0.5), rgba(3,3,3,0.8));}
.banner-inner{position:relative;display:flex;gap:1.2rem;align-items:center}
.poster{width:160px;border-radius:12px;box-shadow: 0 10px 30px rgba(0,0,0,0.7);border:4px solid rgba(0,0,0,0.35)}
.banner-text h2{font-family:'Cinzel', serif;margin:0;font-size:2rem;letter-spacing:1px}
.banner-text .tag{color:var(--muted);margin-top:8px}
.meta-row{color:var(--muted);margin-top:10px}
```

```css
/* Main content */
.main-content{display:grid;grid-template-columns: 2fr 1fr;gap:1.2rem;padding:2rem 0}
.card{background:linear-gradient(180deg, rgba(255,255,255,0.02), rgba(255,255,255,0.01));padding:1rem;border-radius:14px;box-shadow: 0 12px 30px rgba(2,2,6,0.7)}

.synopsis{grid-column:1 / -1}

/* Cast grid */
.cast-grid{display:grid;grid-template-columns:repeat(3,1fr);gap:1rem;margin-top:1rem}
.cast-member{background:var(--glass);border-radius:12px;padding:0.6rem;text-align:center}
.cast-member img{width:100%;height:200px;object-fit:cover;border-radius:8px}
.cast-member figcaption{margin-top:0.6rem;color:var(--muted)}

/* Reviews */
.reviews-wrap{display:flex;flex-direction:column;gap:0.8rem;max-height:18rem;overflow:auto;padding-right:0.4rem}
.review{background:rgba(255,255,255,0.02);padding:0.8rem;border-radius:10px}
.review-head{display:flex;align-items:center;justify-content:space-between;margin-bottom:0.4rem}
.review h4{margin:0}

/* CSS-only star rating (display only) */
.stars{
  --star-size: 1.05rem;
  --percent: calc(var(--rating) / 5 * 100%);
  display:inline-block;
  font-size:var(--star-size);
  line-height:1;
  position:relative;
  width:calc(var(--star-size) * 5);
  height:var(--star-size);
  background: linear-gradient(90deg, var(--accent) var(--percent), rgba(255,255,255,0.12) var(--percent));
  -webkit-background-clip: text;
  background-clip: text;
  color: transparent;
}
.stars::before{
  content: '★★★★★';
  position:absolute;left:0;top:0;width:100%;height:100%;
  -webkit-text-fill-color: transparent;
  background: linear-gradient(90deg, var(--accent) var(--percent), rgba(255,255,255,0.12) var(--percent));
  -webkit-background-clip: text;background-clip:text;
```

## OUTPUT SCREEN

## CONCLUSION

This project demonstrates the creation of a movie information webpage using only HTML5 and CSS3. Through this mini-project, I gained experience in designing for aesthetic appeal, structuring content for clarity, and implementing responsiveness without external frameworks. The result is a functional and visually immersive page suitable for movie promotions or informational purposes.

## REFERENCES


- L&T LMS: https://learn.lntedutech.com/Landing/MyCourse
- MDN Web Docs – HTML & CSS: https://developer.mozilla.org/
- Google Fonts: https://fonts.google.com/