**Netflix Clone (UI) – Documentation Report**

* **Project Overview**

This project replicates the **UI design** of the Netflix landing page using **only HTML and CSS** — no JavaScript, no backend. It includes:

* Netflix Navbar (Logo, Language selector, Sign In)
* Hero Section [Main Section] (full-width background, overlay for dark effect, centred text content, and an email subscription form.)
* Trending Now Carousel (Static UI)
* Feature Highlights ("More reasons to join")
* Call-to-action Email Form
* Responsive Layouts for multiple screen sizes
* **Structure (HTML)**

The layout is broken down into **semantic sections**:

* **Header Section**
* Contains the **Netflix logo**, **language selector**, and **Sign In** button.
* Used a <header> tag with a flex container.
* Language selector built using <select> and styled for consistency.
* **Main Section**
* Contains a **Background Image**, **Dark effect Gradient Colour**, **Email Input Button**.
* A semi-transparent dark overlay over the background image to increase contrast.
* A centred container that holds the heading, subtext, paragraph, and email form.
* A form with an email input field and a "Get Started" button.
* **Trending Now Section**
* Used a <section> with a heading (<h2>) and cards (movie posters).
* Movie posters are wrapped in <div> elements and each card display a numbered ranking (1 to 10).
* Static layout, mimicking the Netflix carousel without JS.
* **Features Section**
* Title: “More reasons to join”.
* Four cards representing features (Watch Offline, Download, Create Profiles, etc.).
* Used <div> containers styled as cards with emojis/icons for visual appeal.
* **CTA (Call-to-Action) Section**
* Email input with a red “Get Started” button.
* Built using a <form> and styled input/button elements.
* Includes a support text with a clickable contact number.
* **Styling (CSS)**
* **Global Styles**
* box-sizing: border-box and font-family: sans-serif for consistency.
* Dark theme: background colour **Black**, text colour **White** or **Light Grey**.
* **Background Image**
  + The. hero-section will have a background image (background-image: url(...)) covering the full viewport.
* **Overlay Effect**
  + The overlay div is layered over the background image.
* **Typography**
* Large, bold fonts for <h1> and <h2>, styled with white colour.
* Text aligned center, spacing between elements with padding/margin.
* **Form Design**
* Input styled with padding, border-radius, and responsive width.
* Button styled in red (background-colour: #e50914;) with white text and hover effects.
* **Flexbox Layout**
* Used display: flex and flex-wrap to arrange items in:
  + Navbar
  + Hero Section
  + Movie card layout
  + Feature grid
  + Email input section
* **Responsive Design**
* Media queries (e.g., @media (max-width: 768px)) applied for:
  + Stacking navbar elements
  + Wrapping movie cards and feature cards
  + Input and button stacking on smaller screens
* **Styling Details**
* **Buttons**:
  + Red colour (#e50914) with rounded corners and hover transition
* **Cards**:
  + Dark background with soft shadows and border-radius
  + Emoji or icon placed bottom-right for visual indication
* **Text**:
* Font sizes adapted based on section importance
* Support text in smaller, lighter colour for minimal distraction
* **Responsiveness Strategy**
* Used flex-wrap and gap to allow flexible arrangement.
* max-width and width: 100% ensure images and input fields adapt to screen size.
* Icons and text auto-align using flexbox and justify-content properties.
* On mobile, stacked layout improves readability and usability.
* **Tools & Resources**
* **Technologies**: Pure HTML5 and CSS3
* **No dependencies**: No JS, Bootstrap, or external libraries
* **Design Reference**: Netflix India homepage (for accurate visual mimicry)
* **Challenges & Resolutions**

| **Challenge** | **Solution** |
| --- | --- |
| No JavaScript carousel | Used static cards, emphasized design instead of interactivity |
| Styling select dropdown | Applied custom CSS for dropdown consistency |
| Responsive layout | Used flexbox and media queries instead of grid for simplicity |
| Mimicking Netflix fonts/icons | Used web-safe fonts and emoji-based icons for substitutes |

* **Conclusion**

This Netflix landing page clone demonstrates how powerful **HTML and CSS alone** can be for creating visually rich, responsive UIs. The project helps reinforce CSS fundamentals like flexbox, media queries, layout organization, and semantic HTML usage.