

Code:

Html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Space Hub</title>
  <link rel="icon" type="image/png" href="favicon.png">
  <link rel="stylesheet" href="style.css">
</head>
<body>

<header class="header">
  <div class="header-content">
    <div class="logo-container">
      <h1>Space Hub</h1>
      
    </div>
    <div class="header-links">
      <span class="header-link active" id="homeIcon">Home</span>
      <span class="header-link" id="trendingIcon">Trending</span>
      <span class="header-link" id="newMoviesIcon">New Movies</span>
      <button class="header-button" id="signUpBtn">Sign Up</button>
    </div>
  </div>
  <div class="search-container">
    <input type="text" id="searchInput" placeholder="Search for movies...">
    <button id="searchBtn">🔍</button>
  </div>
</header>

<div class="container" id="moviesContainer">
  <!-- Movies will be displayed here -->
</div>

<div id="signupModal" class="modal">
  <div class="modal-content">
    <span class="close">&times;</span>
    <h2>Sign Up</h2>
    <form>
      <label for="username">Username:</label>
      <input type="text" id="username" name="username">
      <label for="password">Password:</label>
```

```

        <input type="password" id="password" name="password">
        <button type="submit">Submit</button>
    </form>
</div>
</div>
</div>

<div id="movieDetailsModal" class="modal">
    <div class="modal-content">
        <span class="close">&times;</span>
        <h2 id="movieTitle"></h2>
        <img id="moviePoster" src="" alt="Movie Poster">
        <p id="movieRating"></p>
        <p id="moviePlot"></p>
        <p id="movieOtherInfo"></p>
    </div>
</div>

<script>
    const apiKey = '979fa812';

    document.addEventListener('DOMContentLoaded', async () => {
        const homeIcon = document.getElementById('homeIcon');
        const trendingIcon = document.getElementById('trendingIcon');
        const newMoviesIcon = document.getElementById('newMoviesIcon');
        const searchBtn = document.getElementById('searchBtn');
        const searchInput = document.getElementById('searchInput');
        const signUpBtn = document.getElementById('signUpBtn');
        const modal = document.getElementById('signupModal');
        const closeBtn = document.querySelector('.close');
        const movieDetailsModal = document.getElementById('movieDetailsModal');
        const movieTitle = document.getElementById('movieTitle');
        const movieRating = document.getElementById('movieRating');
        const moviePlot = document.getElementById('moviePlot');
        const movieOtherInfo = document.getElementById('movieOtherInfo');
        const moviePoster = document.getElementById('moviePoster');

        homeIcon.addEventListener('click', async () => {
            const defaultMovies = await getDefaultMovies();
            displayMovies(defaultMovies);
        });

        trendingIcon.addEventListener('click', async () => {
            const trendingMovies = await getTrendingMovies();
            displayMovies(trendingMovies);
        });
    });

```

```

newMoviesIcon.addEventListener('click', async () => {
    const newMovies = await getNewMovies();
    displayMovies(newMovies);
});

searchBtn.addEventListener('click', async () => {
    const query = searchInput.value;
    const movies = await searchMovies(query);
    displayMovies(movies);
});

signUpBtn.addEventListener('click', () => {
    modal.style.display = 'block';
});

closeBtn.addEventListener('click', () => {
    modal.style.display = 'none';
});

movieDetailsModal.addEventListener('click', () => {
    movieDetailsModal.style.display = 'none';
});

window.addEventListener('click', (e) => {
    if (e.target === modal) {
        modal.style.display = 'none';
    }
});

const defaultMovies = await getDefaultMovies();
displayMovies(defaultMovies);
});

async function getDefaultMovies() {
    const url = `http://www.omdbapi.com/?s=space&apikey=${apiKey}`;
    const response = await fetch(url);
    const data = await response.json();
    return data.Search;
}

async function getTrendingMovies() {
    const url = `http://www.omdbapi.com/?s=trending&apikey=${apiKey}`;
    const response = await fetch(url);
    const data = await response.json();

```

```

        return data.Search;
    }

    async function getNewMovies() {
        const url = `http://www.omdbapi.com/?s=new&apikey=${apiKey}`;
        const response = await fetch(url);
        const data = await response.json();
        return data.Search;
    }

    async function searchMovies(query) {
        const url = `http://www.omdbapi.com/?s=${query}&apikey=${apiKey}`;
        const response = await fetch(url);
        const data = await response.json();
        return data.Search;
    }

    async function getMovieDetails(movieId) {
        const url =
`http://www.omdbapi.com/?i=${movieId}&apikey=${apiKey}&plot=full`;
        const response = await fetch(url);
        const data = await response.json();
        return data;
    }

    async function displayMovies(movies) {
        const moviesContainer = document.getElementById('moviesContainer');
        moviesContainer.innerHTML = '';

        for (const movie of movies) {
            const movieDetails = await getMovieDetails(movie.imdbID);
            const movieElem = createMovieElement(movieDetails);

            moviesContainer.appendChild(movieElem);
        }
    }

    function createMovieElement(movie) {
        const movieElem = document.createElement('div');
        movieElem.className = 'movie';

        const img = document.createElement('img');
        img.src = movie.Poster;
        img.alt = movie.Title;
    }

```

```

    const title = document.createElement('h3');
    title.textContent = movie.Title || 'Title not available';

    movieElem.appendChild(img);
    movieElem.appendChild(title);

    movieElem.addEventListener('click', () => {
        showMovieDetails(movie);
    });

    return movieElem;
}

function showMovieDetails(movie) {
    movieTitle.textContent = movie.Title || 'Title not available';
    movieRating.textContent = `Rating: ${movie.imdbRating || 'N/A'}`;
    moviePlot.textContent = `Plot: ${movie.Plot || 'N/A'}`;
    movieOtherInfo.textContent = `Genre: ${movie.Genre || 'N/A'}, Director:
${movie.Director || 'N/A'}, Actors: ${movie.Actors || 'N/A'}`;
    moviePoster.src = movie.Poster;
    const movieDetailsModal = document.getElementById('movieDetailsModal');
    movieDetailsModal.style.display = 'block';
}
</script>
</body>
</html>

```

Css:

```

body {
    font-family: Arial, sans-serif;
    color: #ffffff;
    margin: 0;
    padding: 0;
    background-color: #121212;
    background-image: url(https://wallpaperaccess.com/full/214933.jpg);
    background-size: cover;
    background-position: 0%;
}

.header {

```

```
    background-size: cover;
    padding: 15px 20px;
    display: flex;
    justify-content: space-between;
    align-items: center;
}

.logo-container {
    display: flex;
    align-items: center;
}

.logo-container h1 {
    font-size: 28px;
    margin-right: 10px;
    color: #ffffff;
}

.logo-container img {
    width: 28px;
    height: auto;
    margin-right: 10px;
}

.header-links {
    display: flex;
    gap: 20px;
}

.header-link {
    cursor: pointer;
    padding: 5px 10px;
    border-radius: 5px;
    color: #fff;
    background-color: rgba(255, 255, 255, 0.2);
}

.header-link.active {
    background-color: #555;
}

.search-container {
    margin-top: 15px;
    display: flex;
    justify-content: center;
```

```
    align-items: center;
}

.search-container input[type="text"] {
    padding: 10px;
    border: none;
    border-radius: 5px;
    background-color: #333;
    color: #ffffff;
}

.search-container button {
    padding: 10px 15px;
    border: none;
    border-radius: 5px;
    background-color: #555;
    color: #fff;
    cursor: pointer;
}

.container {
    display: grid;
    grid-template-columns: repeat(4, 1fr); /* Displaying four movies in a row */
    gap: 20px;
    padding: 20px;
}

.movie {
    border-radius: 5px;
    overflow: hidden;
    cursor: pointer;
    position: relative;
}

.movie img {
    width: 100%;
    height: auto;
}

.movie h3 {
    padding: 10px;
    background-color: rgba(0, 0, 0, 0.7);
    margin: 0;
}
```

```
.modal {
  display: none;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.7);
  justify-content: center;
  align-items: center;
}

.modal-content {
  background-color: #333;
  padding: 20px;
  border-radius: 5px;
  position: relative;
}

.close {
  position: absolute;
  top: 10px;
  right: 10px;
  cursor: pointer;
  color: #fff;
  font-size: 24px;
}

.modal h2 {
  margin-top: 0;
}

.movie-details {
  background-color: rgba(0, 0, 0, 0.7);
  padding: 10px;
  border-radius: 5px;
  color: #fff;
  position: absolute;
  bottom: 10px;
  left: 10px;
  max-width: 150px;
  display: none;
  text-align: center;
}
```



```
.movie:hover .movie-details {
  display: block;
}

#movieDetailsModal {
  display: none;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.7);
  justify-content: center;
  align-items: center;
}

#movieDetailsModal .modal-content {
  background-color: #333;
  padding: 20px;
  border-radius: 5px;
  position: relative;
}

#movieDetailsModal .close {
  position: absolute;
  top: 10px;
  right: 10px;
  cursor: pointer;
  color: #fff;
  font-size: 24px;
}

#movieDetailsModal h2 {
  margin-top: 0;
}

#movieDetailsModal img {
  max-width: 100%;
  height: auto;
  display: block;
  margin: 0 auto 20px;
}

#movieDetailsModal p {
  margin: 10px 0;
```

```
}
```

Output:

