İZMİR EKONOMI ÜNİVERSİTESİ
IZMIR UNIVERSITY OF ECONOMICS

STAJ RAPORU
INTERNSHIP REPORT

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KIND OF THE INTERNSHIP   **:** Software Development

STAJ TARİHLERİ/ *DATES OF INTERNSHIP*
BAŞLAMA TARİHİ /
BEGINNING DATE   **:** 28.08.2023

BİTİŞ TARİHİ /
COMPLETION DATE   **:** 25.09.2023
İÇİNDEKİLER/ *CONTENT*

SUMMARY

This report includes my software engineering internship at Monovi. Monovi is an IT and business services organization that has been partnering with leading businesses for the past decade. They

provide software, remote teams support, engineering and digital supply chain consultancy. In the company, interns were assigned to predetermined projects in groups of 5 people each. I was also assigned to a team. Our project named "Moview" aimed to allow users to watch the movies they want, comment on them, and also discuss the movie with other users who have watched the movie. We used ASP .NET framework and MVC design pattern for the web project's development. We developed the project using Visual Studio IDE and utilized Microsoft SQL Server as the database. During the internship ı worked on both backend and frontend development. It was useful for me because I want to do more web-based work in the future. I had opportunity to work as a team and ı was able to take responsibility and also sharing tasks. In that project I had to learn and improve myself on .NET and C#. In conclusion, my summer internship at Monovi has been a transformative experience that deepened my expertise in .NET development.

Monovi

Monovi Staj Projesi

GRUP "The Future Stars" : Online Film İnceleme ve İzleme Platformu

Future Stars üyeleri:

1. Özgür Selağzı (Ekip Sorumlusu)
2. Özlem Kılıç
3. Barış Gürbüz
4. Emir Yavuz

Teknolojiler:

-.NET Core (Web ve API uygulamaları için)

-.NET MAUI (Mobil uygulama için)

-MSSQL (Veritabanı)

Açıklama: Açıklama: Bu platform, kullanıcılara çeşitli filmleri izleme, inceleme yapma ve film tutkunlarıyla etkileşimde bulunma imkanı sunar. Kullanıcılar, platformda film önerileri alabilir, filmleri izleyebilir, incelemeler yazabilir ve diğer kullanıcıların incelemelerini okuyabilir.

Özellikler:

- Kullanıcı Kaydı ve Girişi: Kullanıcılar platforma kaydolabilir ve giriş yapabilir. Bu, film incelemeleri yazmak, izledikleri filmleri takip etmek ve diğer kullanıcılarla etkileşimde bulunmak için gereklidir.
- Film Önerileri: Kullanıcılara ilgi alanlarına, türlerine veya popülerliklerine göre film önerileri sunulabilir. Bu, kullanıcıların yeni filmleri keşfetmelerini sağlar.
- Film Arama ve Filtreleme: Kullanıcılar istedikleri filmleri arayabilir ve çeşitli filtrelerle sonuçları daraltabilir. Örneğin, tür, yönetmen, oyuncu veya yayın platformu gibi filtreler kullanılabilir.
- Film İncelemeleri: Kullanıcılar izledikleri filmler hakkında incelemeler yazabilir ve puan verebilir. Diğer kullanıcılar da bu incelemeleri okuyabilir ve film hakkında fikir edinebilir.
- Film İzleme: Platform, kullanıcılara çeşitli filmleri izleme imkanı sunabilir. Bunun için platform, lisans anlaşmalarıyla film yayın haklarını sağlayabilir veya diğer yayın platformlarıyla entegrasyon sağlayabilir.
- Kullanıcı Listeleri: Kullanıcılar istedikleri filmleri veya favori filmlerini listeleyebilir. Bu, kullanıcıların film takibini ve önerilerini düzenlemelerine yardımcı olur.
- Film Tartışma Forumları: Platformda filmle ilgili tartışma forumları oluşturulabilir. Kullanıcılar, izledikleri filmler hakkında fikir alışverişinde bulunabilir ve diğer kullanıcılarla etkileşimde bulunabilir.

- Oyuncu ve Yönetmen Profil Sayfaları: Platform, oyuncu ve yönetmenlere ait profil sayfaları sunabilir. Bu sayfalar, filmografilerini, biyografilerini ve diğer ilgili bilgilerini içerebilir.
- Ödüller ve Listeler: Platform, ödül törenlerinin sonuçlarını paylaşabilir ve farklı film listelerini kullanıcılara sunabilir. Bu, kullanıcıların popüler filmleri takip etmelerine ve ödüllü filmleri keşfetmelerine yardımcı olur.

PROJE DÖKÜMANTASYONU

Projenin dökümantasyonunda aşağıdaki başlıklar yer almalıdır:

Giriş: Projenin amacı, kapsamı, hedef kitlesi ve teknik detaylar hakkında genel bilgiler.

Kullanıcı Tanımları: Kullanıcı rollerinin açıklanması.

Gereksinimler: Proje için işlevsel ve teknik gereksinimlerin ayrıntılı bir şekilde belirtilmesi.

Veritabanı Tasarımı: MSSQL veritabanının tablolarının ve ilişkilerinin tasarlanması.

Proje Mimarisi: .NET Core ve .NET MAUI kullanılarak uygulama katmanları, veritabanı bağlantısı ve API tasarımı hakkında bilgiler.

Kullanıcı Arayüzü Tasarımı: Web ve mobil uygulamaların tasarımı ve kullanıcı deneyimi ile ilgili açıklamalar.

Proje Geliştirme Aşamaları: Adım adım projenin nasıl geliştirileceği ve test edileceği.

Proje Yönetimi: Proje sürecini takip etmek için kullanılacak yöntemler, kaynak planlaması ve zaman çizelgesi.

Güvenlik: Uygulamanın güvenliği için alınacak önlemler, kimlik doğrulama ve yetkilendirme yöntemleri.

Dağıtım ve Yayınlama: Uygulamanın sunucuya nasıl dağıtılacağı ve kullanıma hazır hale getirileceği.

Bakım ve Destek: Projenin yayına alındıktan sonra bakım ve destek süreçleri.

Kullanıcı Eğitimi: Kullanıcıların uygulamayı nasıl kullanacaklarını öğrenmeleri için hazırlanacak kullanıcı eğitimi materyalleri.

Ek İhtiyaçlar: Sunucu gereksinimleri, lisanslar, üçüncü taraf entegrasyonları veya diğer ek ihtiyaçlar.

NOT: Proje dökümanınızı oluştururken, takımınızın ihtiyaçlarına ve proje sürecine uygun olarak bu başlıklara eklemeler veya düzenlemeler yapabilirsiniz. Ayrıca, dökümanın düzenli olarak güncellenmesi ve proje ilerledikçe güncel tutulması önemlidir.

SCRUM TEMEL ADIMLARI

Product Backlog Oluşturma: Proje ekibinin gerçekleştirmesi gereken tüm özellikleri, görevleri ve gereksinimleri içeren bir liste oluşturulur. Bu liste, Product Owner tarafından önceliklendirilir.
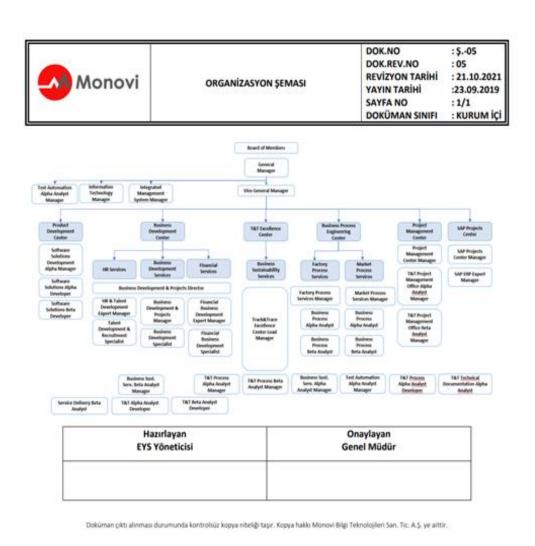
Sprint Planlama: Bir sprint (genellikle 2-4 haftalık süre) boyunca gerçekleştirilecek işleri seçmek için Sprint Planlama yapılır. Scrum ekibi, Product Backlog'dan öncelikli görevleri Sprint Backlog'a taşır.

Sprint: Seçilen görevlerin geliştirme, test ve tamamlama sürecini içeren sprint süreci başlar.

GENERAL QUESTIONS TO BE ANSWERED

QUESTION 1- Give the following information about the institution you performed your internship.

Monovi works with a corporate infrastructure in a multinational and multicultural business environment. The company provide value-added services to their customers abroad. Their mission is to design, develop and support product traceability systems in the digital supply chain to fulfill regulatory compliance requirements in the industries such as tobacco. Monovi also supports its customers in terms of project management, business analysis, SAP consultancy and digital office tools for advanced collaboration and productivity. To enhance their client, they also use C#, .NET Maui, Python, Microsoft SQL, Microsoft 365 and other modern technologies.

2-) TEAM AND CORPORATE ORGANIZATIONAL STRUCTURE

Doküman çıktı alınması durumunda kontrolsüz kopya niteliği taşır. Kopya hakkı Monovi Bilgi Teknolojileri San. Tic. A.Ş. ye aittir.

QUESTION 3- Did you have a chance to use your foreign language during your internship? What was this foreign language? Please answer in Yes/No format and specify which languages you used.

Generally, I used Turkish in the company. Communication language was Turkish in the team but I had found the opportunity to use English during my internship. I used the English language to conduct my research, analyze sample code and projects and write documentations about the research. It is hard to find well-prepared resources in Turkish about software engineering materials. So, English played a crucial role in my learning internship experience.

QUESTION 4- State your ideas and suggestions that could increase efficiency in the processes of production and service at the institution you do the internship.

During my time as an intern, I had the opportunity to observe some events. As project teams and members, we were meeting with authorized employees every morning. We were giving general reports as teams in the meetings, and if there were problems we could not solve, we could point them out to the authorities and find a chance to find solutions, but I observed that they could not spare much time due to the fact that there was more than one team and the number of authorized people was low and they were busy with office work. For this reason, I think it would be better if an official was assigned to each project team who could help at any time.

QUESTION 5- Please list the duties you performed throughout your internship and explain what you did about these duties. Please attach the visual documents if any to the Internship Report.

• 28 August 2023 – 1 September 2023

First of all, on my first day, I was asked to start working on .NET and C# since the company uses .NET and C#. Also, since the company uses the database a lot, I was asked to improve database

connection and use of basic queries, and I was asked to make a simple CRUD program so that I could understand the basic database relationships. CRUD constitutes the 4 basic functions in the database and these are create read update delete. After watching the necessary videos and doing my research, I created a simple CRUD program. After establishing the database connection, I created a program that can add data to the database, display the data list, update a data and delete a data, in short, it performs basic CRUD operations. The codes written in Figure 1-2-3 are the codes of these operations I mentioned. The output screen seen in Figure 4 is a small update I made to show how the program works.

After the CRUD project on the first day, I joined the project team I mentioned before. My team's name was "Future Stars". Our office gave us the project. Our project is basically a movie watching website, but it has many functions. As the basic functions of our project, users will be able to register and log in to the platform. Users will be able to search and filter movies, watch movies, rate and write reviews about the movie if they wish, list their favorite movies or what they want to watch, there are also discussion forums about the movie and users will be able to exchange ideas with other users about the movie, visit their profile pages to get information about the director or actor of the movie. They will be able to. Additionally, as there will be pages on the platform such as lists of award-winning films or results of award ceremonies, the user will be able to follow award-winning films, for example, from these pages. For these features, the user will need to log in to the platform. Since my project teammates started a week before me, they chose some tools that would be useful for our project. For example, my teammates chose "Figma" for prototype and "Jira" for process management. Since MSSQL will be used as the database, I immediately made the necessary downloads and then, as a team, we determined our requirements and started preparing our prototype images in figma. Figures 5-6-7 are prototype images of our platform. Since the database plays a very important role in our project, we created a database on MSSQL and tried to create a diagram in it and make the necessary connections. Figure 8 is the diagram visual I mentioned.

```csharp
using System;
using System.Data.SQLite;

namespace CRUDApp
{
    // 0 başvuru
    class Programm
    {
        static SQLiteConnection connection;    //veritabanı bağlantısı

        // 0 başvuru
        static void Main(string[] args) //main method operasyonların kullanımı
        {
            InitializeDatabase();

            while (true)
            {
                Console.WriteLine("Choose an operation: ");
                Console.WriteLine("1: Add Item");
                Console.WriteLine("2: List Items");
                Console.WriteLine("3: Update Item");
                Console.WriteLine("4: Delete Item");
                Console.WriteLine("5: Exit");

                var choice = Console.ReadLine();

                switch (choice)
                {
                    case "1":
                        Console.WriteLine("Enter the name of the item:");
                        var name = Console.ReadLine();
                        AddItem(name);
                        break;

                    case "2":
                        ListItems();
                        break;

                    case "3":
                        Console.WriteLine("Enter the ID of the item to update:");
```

Figure1 (Crud)

```csharp
            case "3":
                Console.WriteLine("Enter the ID of the item to update:");
                var idToUpdate = Convert.ToInt32(Console.ReadLine());
                Console.WriteLine("Enter the new name:");
                var newName = Console.ReadLine();
                UpdateItem(idToUpdate, newName);
                break;

            case "4":
                Console.WriteLine("Enter the ID of the item to delete:");
                var idToDelete = Convert.ToInt32(Console.ReadLine());
                DeleteItem(idToDelete);
                break;

            case "5":
                connection.Close();
                return;

            default:
                Console.WriteLine("Invalid choice, please select again.");
                break;
        }
    }
}

static void InitializeDatabase()
{
    connection = new SQLiteConnection("Data Source=mydatabase.sqlite;Version=3;");
    connection.Open();

    string createTableQuery = "CREATE TABLE IF NOT EXISTS items (id INTEGER PRIMARY KEY, name TEXT NOT NULL)";
    SQLiteCommand command = new SQLiteCommand(createTableQuery, connection);
    command.ExecuteNonQuery();
}

static void AddItem(string name)          //CRUD create
{
    string query = "INSERT INTO items (name) VALUES (@name)";
```

Figure2 (Crud)

8

```csharp
            {
                string query = "INSERT INTO items (name) VALUES (@name)";
                SQLiteCommand command = new SQLiteCommand(query, connection);
                command.Parameters.AddWithValue("@name", name);
                command.ExecuteNonQuery();
            }


        1 başvuru
        static void ListItems()          //CRUD read
        {
                string query = "SELECT id, name FROM items";
                SQLiteCommand command = new SQLiteCommand(query, connection);
                SQLiteDataReader reader = command.ExecuteReader();

                while (reader.Read())
                {
                    Console.WriteLine($"ID: {reader["id"]}, Name: {reader["name"]}");
                }
        }


        1 başvuru
        static void UpdateItem(int id, string newName)          //CRUD update
        {
                string query = "UPDATE items SET name = @name WHERE id = @id";
                SQLiteCommand command = new SQLiteCommand(query, connection);
                command.Parameters.AddWithValue("@name", newName);
                command.Parameters.AddWithValue("@id", id);
                command.ExecuteNonQuery();
        }


        1 başvuru
        static void DeleteItem(int id)     //CRUD delete
        {
                string query = "DELETE FROM items WHERE id = @id";
                SQLiteCommand command = new SQLiteCommand(query, connection);
                command.Parameters.AddWithValue("@id", id);
                command.ExecuteNonQuery();
        }
    }
}
```

Figure3 (Crud)

Figure 4 (Sample Output)
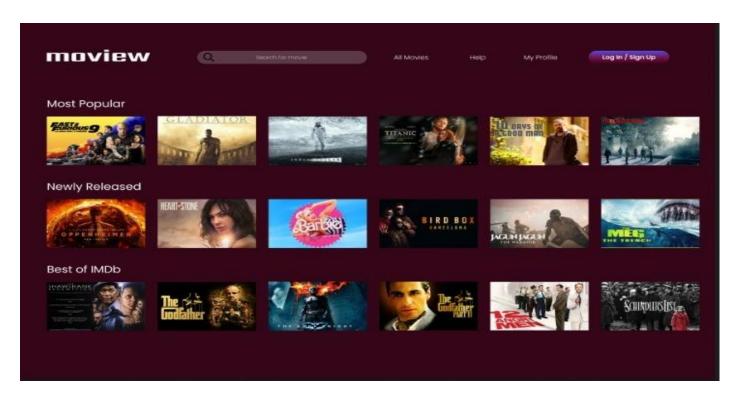
Figure 5 (Prototype All movies)
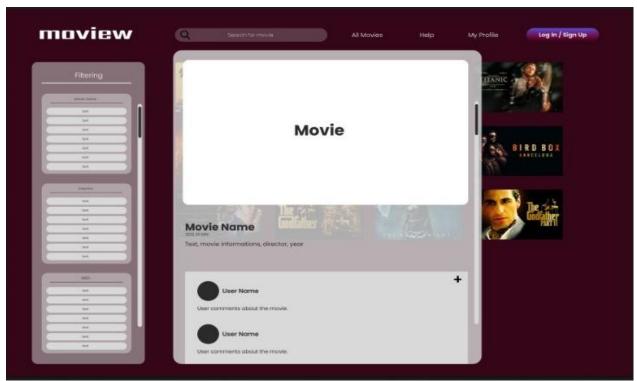
Figure 6 (Prototype Movie and Comments Page)
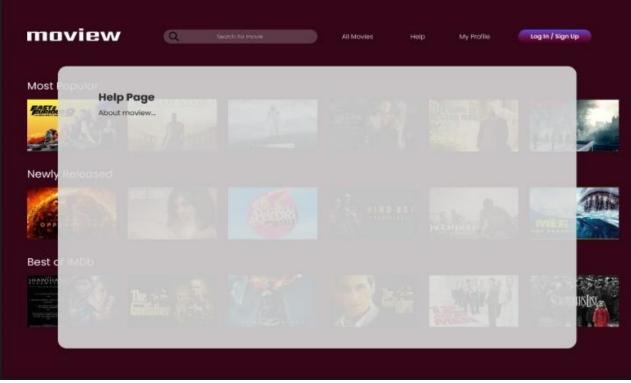
Figure 7 (Prototype Help Page)
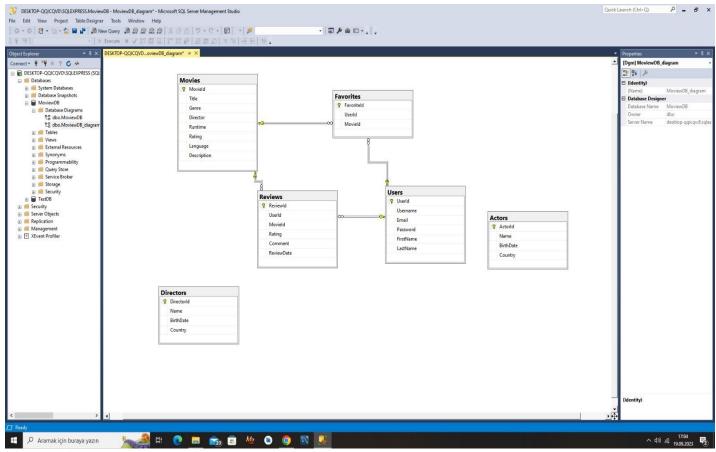
Figure 8 (Database diagram)

• **4 September 2023 – 8 September 2023**

Since my group friends and I did not know much about the new .NET technologies we were using, we decided to improve ourselves. For this, we did research on the internet and watched videos. This was the source from which I watched, learned and improved myself the most: https://gelecegiyazanlar.turkcell.com.tr/konu/aspnet-core-mvc. After we started to gain information, we gathered with my group friends and thought about how we should start and carry out the work. As a result, we decided to divide the pages we needed to make for our site. I started working on the "Help Page" page that will be on our page. As general features of the page, when you are on any page on our site, this; It will be the home page, the movies page, the my profile page, in short, when you click on the help page button while on any page, a small rectangular transparent help page window will appear when you are on "that" page, as shown in figure 7. I wrote my codes to provide these features as shown in figures 9-10-11-12-13-14. Since this help window will open as a small transparent window on every page without leaving that page, I had to write some of my codes in the _Layout.cshtml section. As seen in Figure 15, I created a help page suitable for our prototype, which works as intended.

12

Figure9 (HelpController.cs)

Figure10 (Index.cshtml)

Figure11 (_Layout.cshtml)

```
40        <main role="main" class="pb-3">
41            @RenderBody()
42        </main>
43    </div>
44
45    <footer class="border-top footer text-muted">
46        <div class="container">
47            &copy; 2023 - Moview - <a asp-area="" asp-controller="Home" asp-action="Privacy">Privacy</a>
48        </div>
49    </footer>
50    <script src="~/lib/jquery/dist/jquery.min.js"></script>
51    <script src="~/lib/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
52    <script src="~/js/site.js" asp-append-version="true"></script>
53    @await RenderSectionAsync("Scripts", required: false)
54 </body>
55 </html>
56 <!-- JavaScript kodunu ekleyin -->
57 <script>
58    // Help butonunu seçin
59    const helpButton = document.getElementById('helpButton');
60
61    // Modalı seçin
62    const modal = document.createElement('div');
63    modal.className = 'modal';
64
65    // Modal içeriğini tanımlayın
66    modal.innerHTML = `
67        <div class="modal-content">
68            <span class="close">&times;</span>
69            <h2>Help Page</h2>
70                <p>About Moview</p>
71                <p>**This platform allows users to watch various movies, review movies and gives the opportunity to interact with other moviegoers . Users can get movie recommendations on the platform,
72    can watch, write reviews and read reviews from other users</p>
73            <p>**It is necessary to log in to the platform in order to review movies, rate the movie, and interact with other users. If there is no registered login, user must register first.</p>
74                <p>**For any complaints and suggestions, please send an e-mail to info@moview.com</p>
75        </div>
76        `;
77
78    // Modalı gizlemek için "X" düğmesini tanımlayın
79    const closeBtn = modal.querySelector('.close');
80    closeBtn.addEventListener('click', () => {
```

Figure12 (_Layout.cshtml)

16

```
 77
 78        // Modalı gizlemek için "X" düğmesini tanımlayın
 79        const closeBtn = modal.querySelector('.close');
 80        closeBtn.addEventListener('click', () => {
 81            modal.style.display = 'none';
 82        });
 83
 84        // Help butonuna tıklandığında modalı gösterin
 85        helpButton.addEventListener('click', () => {
 86            modal.style.display = 'block';
 87        });
 88
 89        // Sayfa yüklendiğinde modalı gizleyin (başlangıçta)
 90        window.addEventListener('load', () => {
 91            modal.style.display = 'none';
 92        });
 93
 94        // Modalı sayfa içine ekleyin
 95        document.body.appendChild(modal);
 96    </script>
 97
 98    <!-- CSS stilini ekleyin -->
 99    <style>
100        body {
101            background-color: #8B0000;
102        }
103        /* Modal stilini tanımlayın */
104        .modal {
105            display: none;
106            position: fixed;
107            z-index: 1;
108            left: 0;
109            top: 0;
110            width: 100%;
111            height: 100%;
112            background-color: rgba(0, 0, 0, 0.7); /* Arkaplanı kısmen saydam yapar */
113        }
114
115        .modal-content {
116            background-color: #fff;
117            margin: 10% auto; /* Üst ve alt boşlukları azalttık */
```

Figure13 (_Layout.cshtml)

```
114
115       .modal-content {
116           background-color: #fff;
117           margin: 10% auto; /* Üst ve alt boşlukları azalttık */
118           padding: 30px; /* İçeriğin dört tarafındaki dolgu miktarını artırdık */
119           border: 1px solid #888;
120           width: 80%; /* Genişliği büyüttük */
121           height: 70%; /* Yüksekliği büyüttük */
122           box-shadow: 0 4px 8px 0  rgba(0, 0, 0, 0.2);
123           opacity: 0.8; /* Modal içeriği tamamen opak (saydam değil) */
124           border-radius: 20px; /* Köşeleri oval yapmak için border-radius ekledik */
125       }
126
127
128       .close {
129           color: #aaa;
130           float: right;
131           font-size: 28px;
132           font-weight: bold;
133       }
134
135       .close:hover,
136       .close:focus {
137           color:  black;
138           text-decoration: none;
139           cursor: pointer;
140       }
141
142
143   </style>
144
145
146
```

Figure14 (_Layout.cshtml)

Figure15 (Help Page)

• 11 September 2023 – 15 September 2023

This week, we were aiming to combine what my teammates and I had done, because it was time to look at the project as a whole and improve it. However, when it came to combining business, everyone made different mistakes and we experienced difficulties. When we were initially creating a database on MSSQL, everyone created a database for themselves and we tried to make diagrams and connections in the same way. In fact, I said that we needed to copy the database at this stage, but when we could not find it in the short term, we continued in this way and because of this, we started to get errors from the database and things got out of hand. started. Afterwards, we contacted the authorized people in our office to solve these errors and by copying and updating the database on github and also updating the migrations section, we solved our errors and managed to merge the places we made. Apart from these, we decided to change some things in the prototype because we realized that some of the things we thought of as prototypes were unnecessarily difficult. For

example, the part I was working on, the "Help Page" page, had to appear as a small transparent window no matter what page we were on, and to do it this way, I used my coding on the common page, that is, what is written here affects all pages, so I wrote this in the _Layout.cshtml section and this was done. It caused problems in the assembly part. That is why we decided to change this page as well. So I changed the Help page again and did it again by coding in the Index section in the Help folder under View. As seen in Figure 17-18-19, I changed it again by writing my codes in the necessary places and it became the interface seen in Figure 16.

Figure16 (Help Page)

Figure17 (HelpController.cs)

```html
<!DOCTYPE html>
<html lang="tr">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Moview Yardım - Hakkında</title>
    <style>
        /* CSS stillemelerini burada ekleyebilirsiniz */
        p, h1, h2, ul li, ol li{
            color: white;
        }
    </style>
</head>
<body>
    <header>
        <h1>Moview Help - About</h1>
    </header>
    <section>
        <h2>About Moview</h2>
        <p>
            Moview is an online movie streaming platform catering to a wide audience of film enthusiasts in our country. It provides up-to-date movies with a professional translation team and also includes a collection of classic fi
        </p>
        <!-- Add other information here -->

        <h2>How to Add a Favorite Movie</h2>
        <p>
            To add your favorite movie to your list of favorites on Moview, follow these steps:
        </p>
        <ol>
            <li>Go to the movie's page by searching for it.</li>
            <li>Click the "Add to Favorites" button located on the top right corner of the movie page.</li>
            <li>Your favorite movie is now added to your list of favorites!</li>
        </ol>

        <h2>Rules for Posting Comments on Moview</h2>
        <p>
            When posting comments on Moview, please adhere to the following rules:
        </p>
        <ul>
            <li>Do not use profanity, hate speech, racial slurs, or insults.</li>
            <li>Ensure proper grammar and punctuation in your comments.</li>
```

Figure18 (Index.cshtml)

Figure 19 (Index.cshtml)

• 18 September 2023 – 25 September 2023

We were reporting our project every week at the meeting on Friday (15.09.2023), explaining what was done and what to do, and on top of that, our officials stated that our site was eye-tiring and mentioned some more deficiencies, for example, we could only go to the search bar on our site if we wrote the full name of the movie, that is, if we wrote the initials of the name of the movie, the search bar would appear. it wasn't working. Also, the search bar should work by director name and the genre of the movie. That's why they asked us to improve the user interface section in general. Also, this Friday (15.09.2023) was the last day of my teammates' internship because they started their internship before me. That's why I took over the next tasks alone. First of all, I made the necessary edits in the FilterMovies.cshtml section, as seen in figures 20-21-22-23, and added features that we wanted to work in the search bar, such as searching by the initials of the movie's name, director or genre. Additionally, by changing the colors and fonts in the background, I made our site look simpler and easier on the eyes.
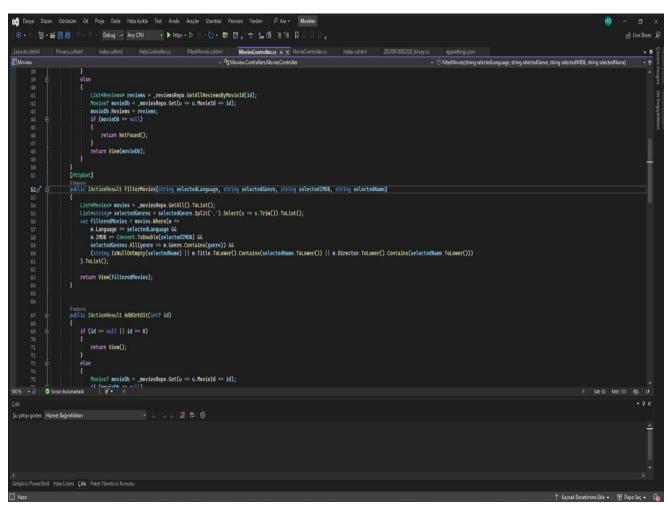
Figure 20 (MoviesController.cs)

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```html
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <title>Welcome to the Movie Library</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        body {
            background-color: #f8f9fa;
            font-family: Arial, Helvetica, sans-serif, sans-serif;
        }

        .container {
            margin-top: 50px;
            display: flex;
            flex-direction: column;
        }

        .jumbotron {
            background-color: #340618;
            color: #fff;
            padding: 20px;
        }

            .jumbotron h1 {
                font-size: 36px;
            }

        .movie-list {
            margin-top: 20px;
            display: flex;
            flex-direction: column;
        }

        .movie-card {
            border: 1px solid #ddd;
            border-radius: 5px;
            padding: 10px;
            margin-bottom: 20px;
            background-color: #fff;
        }

        .movie-title {
            font-size: 24px;
        }

        .movie-description {
            font-size: 16px;
        }

        .movie-details {
            margin-top: 10px;
            font-size: 14px;
        }
```

Figure21 (FilterMovies.cshtml)

Figure22 (FilterMovies.cshtml)
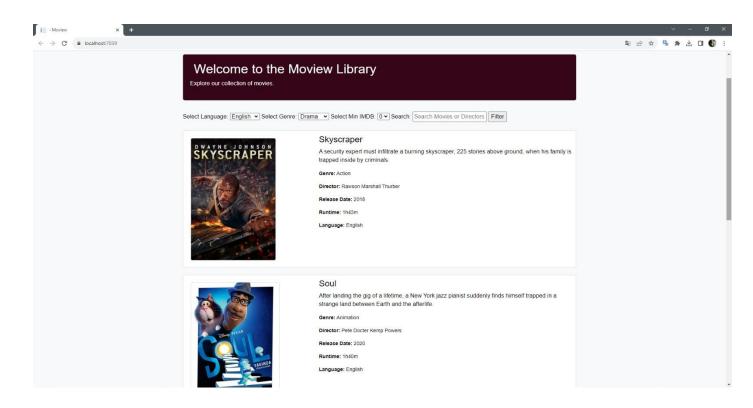
Figure23 (FilterMovies.cshtml)
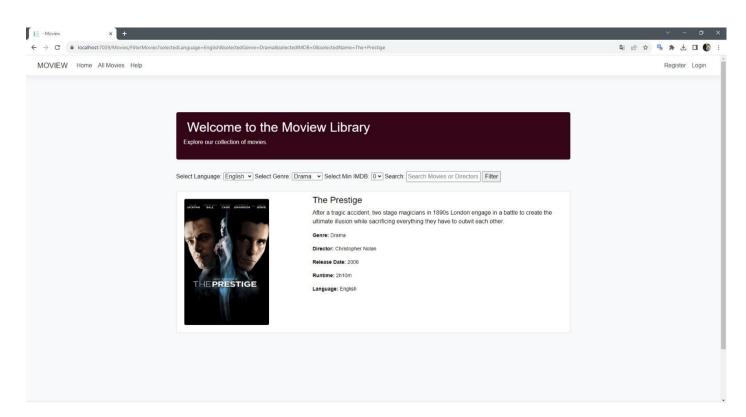
Figure24 (Home Page)

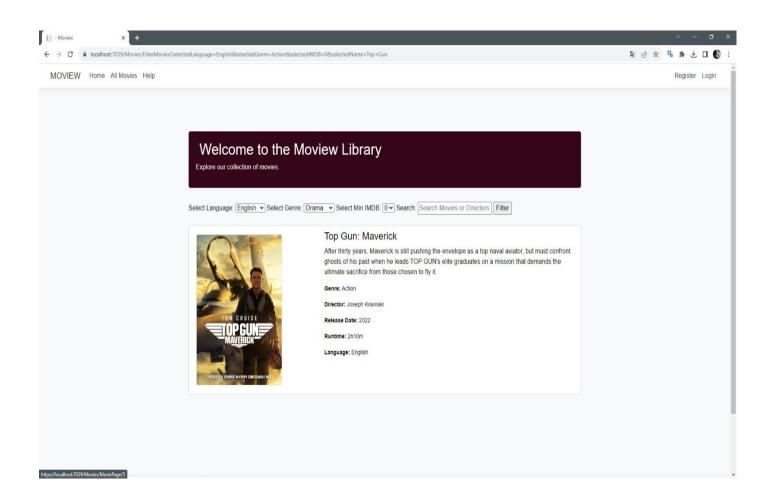**Figure25 (Example search of a spesific movie)**

Figure26 (Another example search of a spesific movie)

QUESTION 6- What kind of applications you saw about the theoretical knowledge you gained? Specify openly. Give example.

Some of the lessons I learned at school were very effective in the project I completed during my time as an intern. First of all, my SE216 software project management course, which I took on developing a project with a team I did not know, preparing the process, determining the requirements, distributing tasks, helping each other and, frankly, generally executing a project, was very effective. In addition, we used MSSQL as the database in the project we developed, and since we used the database very actively, the CE223 database systems I saw at school were also very effective.

QUESTION 7- Please tell what this internship gave to you in one paragraph.

I gained a lot of significant knowledge and experience during my internship. First of all, I gained information and experience about the .NET framework, which is widely used in the software industry and even specifically in banks and which I was curious about before. Developing a project as a team is inevitable in the software industry. I have experienced and gained the experience of working efficiently and properly in a team, which I heard a lot from my teachers in my school life. I improved my communication skills with my team, my ability to take responsibility, and my ability to be a team player. The daily reports we gave at the meetings held every day and the presentations we made on Fridays of each week also improved my communication and presentation skills.