

Take Home Challenge (Time Entries)

Goals

- View existing time entries
- Add new entries
- Enforce validation

Provided

- You'll receive two CSV files.
- Employees.csv
 - Employee ID, FirstName, LastName
- TimeEntries.csv
 - EntryID, EmployeeID, Date, InTime, OutTime

Requirements

- Create a page to list time entries showing:
 - Employee Full Name
 - Date
 - In Time
 - Out Time
 - Total Hours(calculated)
- Allow basic filtering by employee or date
- Add Time Entry Form
 - In modal
 - Allow user to choose an employee(drop-down)
 - Inputs for Date, in time, and out time
 - Validations
 - InTime must be before OutTime
 - Only one time entry allowed per employee per date
 - All fields required

Data Handling

- Load CSV data
- Persist changes back to CSV

Technical Requirements

- Use ASP.NET Core MVC
- .NET 6 or Later
- You may use Bootstrap or similar for simple styling

Submission

- Please send a .ZIP file or GitHub link with your code
- Include the two CSV files in a Data or App_Data folder
- Include a short README.md with
 - Any setup instructions
 - Notes about approach and anything you would improve