Assignment

Create a small ASP .NET Core based Human Resource Management ERP for RAMG.

- ❑ Technology
  - + ASP.NET MVC, Web API, Entity Framework, SQL Server, Bootstrap
- ❑ Points to consider
  - + Use client-side and server-side validations
  - + Exception Handling
  - + Error Logging in Error Log file Page
  - + Code commenting
  - + Uniformity in coding standards
- ❑ Feature List
  - ✓ Login Screen
    - ▪ Email ID
    - ▪ Password
  - ✓ Home Screen
    - ▪ Only Authorised users allowed
    - ▪ Should have logout link
    - ▪ Should have navigation for Employees List
    - ▪ Should display welcome {userName} message
  - ✓ Employee List Screen
    - ▪ CRUD Operations for Employee
    - ▪ Must have at least below properties.
      - • Name (text)
      - • Department (dropdown)
      - • Salary (number only)
      - • IsManager (checkbox)
      - • Manager (dropdown)
      - • Phone (number/text)
      - • Email (email/text)
  - ✓ Use Either Inbuilt or Custom Filters to Authorize the Users
  - ✓ Use Filters to Add Your name in each response headers
  - ✓ Use Middleware to cache the list page response for 500 milli-second
  - ✓ Use Tag helpers for UI
  - ✓ Use middleware to measure the response time for each response & log it into a file
  - ✓ Use Dependency Injection