**Notes:**

This zip file for TimeSheeManagementSystem\_Vue contains 2 folders:

* **AspNetCore (backend web api)**
  + Before running the code, make sure that:
    - The SQL connection (found in ApplicationDBContext.cs) is **your SQL connection string**
    - **There is a Migrations folder** in the solution, else open command prompt/windows PowerShell and navigate to the project directory, then run **“dotnet ef migrations add setupdb”**
    - Under Startup.cs, make sure app.seedData() is uncommented on first run when setting up the database
      * If the sql script inside this folder runs nicely, app.seedData() should be commented
  + To run, open command prompt/windows PowerShell and navigate to the project directory, then run **“dotnet run”**
  + Make sure that this web api is running first before running the client-side code
* **Vue (frontend client and UI)**
  + Before running, it is best to check if all the required npm modules are installed, run **“npm install”** just in case
  + To run, open command prompt/windows PowerShell and navigate to the project directory, then run **“npm start”**
  + If build failed due to missing npm modules, check package.json to see the dependencies used
  + It is **highly recommended** to **not reload the webpage through web browser** as it will cause routing errors, causing the navigation to not work properly

**Account and password:**

To test for **Administrator**:

* Username: admin
* Password: admin

To test for **Instructor**:

* Username: test
* Password: test

**Administrator vs Instructor:**

* Only administrators can **manage user accounts** (to log in/sign up/update details) in the management system.
* Administrators can also **view all records** for session synopses, customer accounts and account **regardless of visibility**
* Instructors **can only create/update/delete** session synopses, customer accounts and account rate
* Changes made for CA2:
  + **Added dashboard for Admin users to have an overview on the records in the system**
    - Includes recent activity, calendar that shows start/end dates of account details/rates and overview table on session synopses and customer account
  + **Added CRUD for Account Detail** 
    - When creating detail, admin users can view existing detail records through the modal
    - If there is overlapping time on the same day, will show a warning with the referenced overlapping record
    - When user submits, if the starting/ending time and day is the same as the ones in the records, submit is prevented and an error will show
  + **Added active status onto Account Rates and Account Details**
    - When current/today’s date is within the range of any account rate/detail, **the row in the table will indicate that it is active (spinning gear)**
  + **Added notifications**
    - When user create account detail/rates or logs in, they will have a notification dropdown to view how many account details/rates are active and how many overlapping details
  + **Changed layout of customer accounts table**
    - added detailed row/dropdown to show comments and added no. of rates/detail onto column for better use of estate space in the table