**Project diary**

**GitHub link** - <https://github.com/ABonoboCoding/GroupFTennisWebApp>

**26/09 - Saturday**

Project initiated and added group members to the GitHub repository.

Scaffolded User Identity for attempt to override user identity database fields. Adding **LastName, FirstName, DOB** and **Bio.** Also planning on adding Boolean value to database for user roles.

Was met with error where the project had two dbcontexts, ApplicationDbContext and the new UserContext. Merged ApplicationDbContext with UserContext.

Was met with error when trying to sign in, where default identity is already stated. Removed and replaced with AddAuthorization code.

Able to sign in, but attempt to log in returns a

“InvalidOperationException: No service for type 'Microsoft.AspNetCore.Identity.UserManager`1[Microsoft.AspNetCore.Identity.IdentityUser]' has been registered.”

Error.

After injecting custom user context in \_LoginPartials, webapp allowed user sign in, but custom user data are not appearing in the data base.

Fixed issue where custom user data was not appearing in the database viewer.

Today’s work is uploaded to GitHub.

**26/09 and 27/09 – Saturday and Sunday**

Created Coaches, Schedules and Schedulesmembers in models.

Was met with error when trying to scaffold models, where “More than one DbContext was found. Specify which one to use”.

Another error was met after fixing the error above, where “no parameterless constructor defined for type dbcontext”.

After fixing the errors, I was able to scaffold Coaches, Schedules and Schedulesmembers and apply migration.

**29/09 –** **Tuesday**

Fixed error where “The layout view '~/Pages/Shared/\_Layout.cshtml' could not be located.” for Coaches, Schedules and Schedulesmembers. Now able to display Coaches, Schedules and Schedulesmembers pages.

**30/09 – Thursday**

With the help of Rohan, it was possible to add radio buttons for users to choose their types of registration: Coach and Member.

At the beginning, I attempted to do different Boolean fields for IsMember, IsCoach and IsAdmin. But the radio button input value could not be used in the controller.

As a solution, the Boolean fields were all combined into 1 Role string field. Using two radio buttons with preset role values, users were able to sign up with a role.

Pulled latest update from GitHub and copied changes over.

**05/10 – Monday**

Reuploaded a set of previously backed up migrations.

Created enrollment page in Views Schedules and added Schedule and MySchedule pages in Views Coaches. Members can enroll in a scheduled item before the scheduled date after they logged in but not after the scheduled event has happened. If they continue to enroll they will get an error.

Attempted to create AdminController. It is not of final yet.

[Authorize(Roles = "Coach")] and [Authorize(Roles = "Admin")] is not working as expected. For example, when “Edit” has been given authorization to only Coach, and even if the user is logged in as Coach, the “edit” is not showing. Will work out what the issue is later.

**07/10 – 08/10 – Thursday**

* Fixed issues with identity roles .
* Roles are created upon app startup
* Added multiple conditions where only certain content can be viewed/accessed by certain roles.
* Created methods to view all users that are members and all users that are coaches.
* Added comments to code for readability and understandability.
* Created home page depending on which role, you will see a different home page.

**Resources:**

<https://docs.microsoft.com/en-us/aspnet/core/security/authentication/add-user-data?view=aspnetcore-3.1&tabs=visual-studio#run-the-identity-scaffolder>