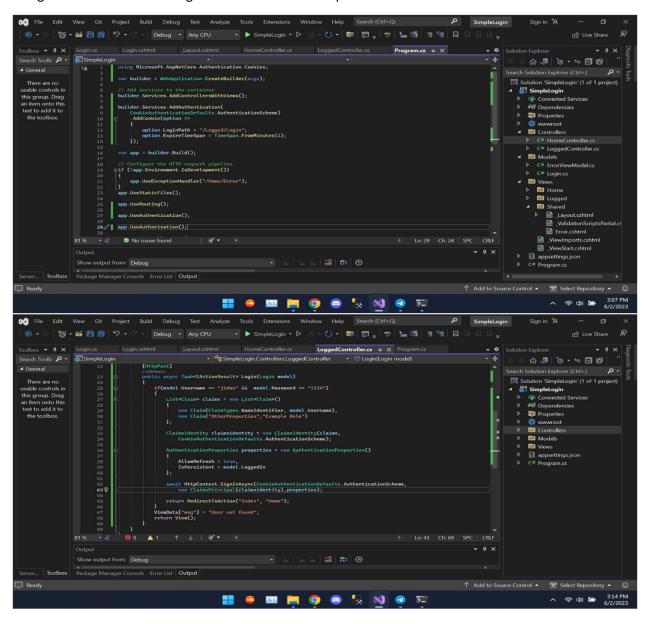
June 01, 2023

I explored various websites to get ideas about these topics like

- =>What is Middleware? Architecture of Middleware.
- =>What is Authorization and different type of authorization strategies
- =>What is Authentication and authentication factors
- =>Looked for how to inject service and tried to inject service in .Net Core

June 02, 2023

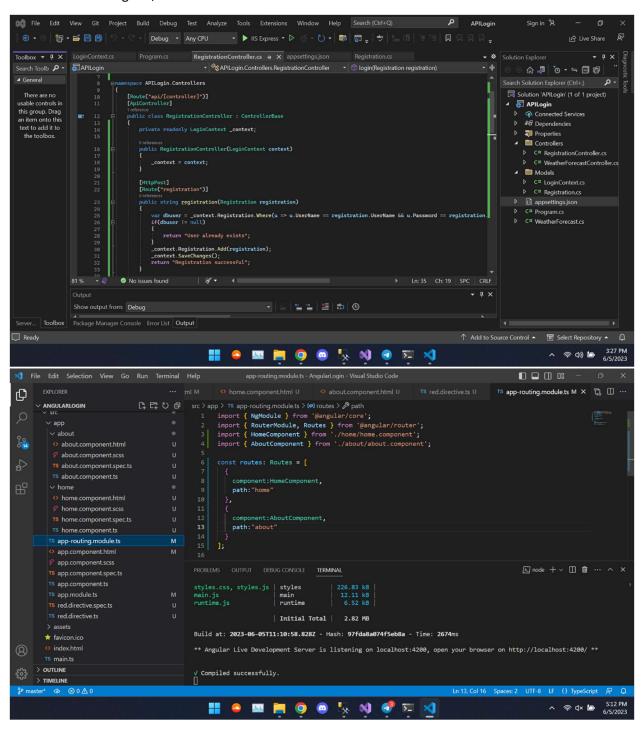
Learned how to implement Authorization and Authentication using middleware and implemented those using ASP.NET Core. Tried to get idea about how to implement API in .NET Core.



June 05, 2023

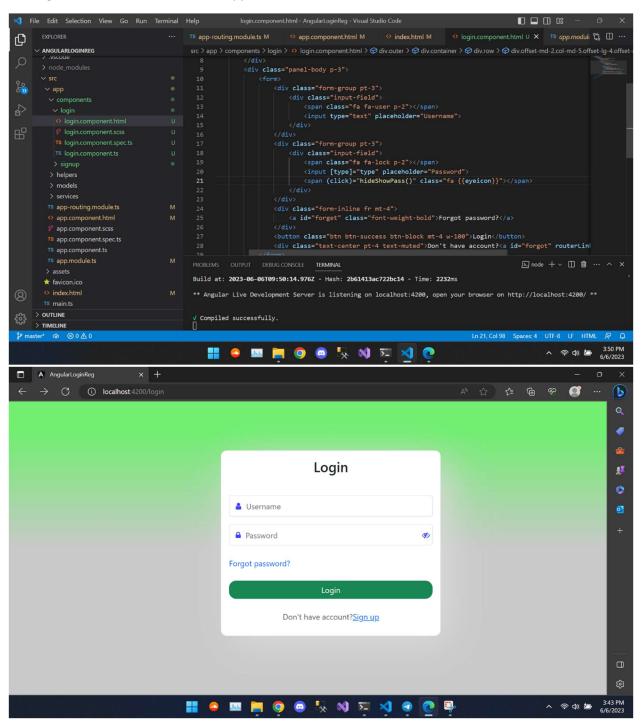
Built Web API for simple login and registration with ASP.NET Core and checked that the API's are working fine by using Swagger. Learned the basics about Angular like

- => Component in Angular, how component is created
- => Routing, how routing is done in Angular
- => Directives of Angular, how to define a custom directive



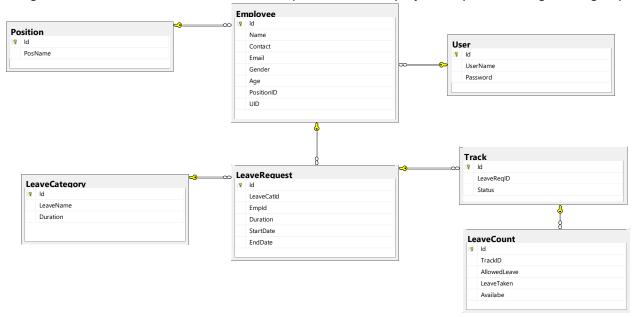
June 06, 2023

Created a simple login form in angular. Viewed the backend and frontend structures of the projects that are done in the company. Learned about the lazy loading and eager loading in angular. Implemented lazy loading to check how it works when application starts.



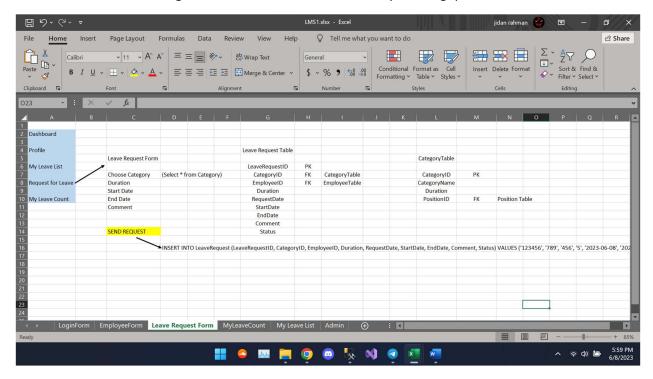
June 07, 2023

A project was assigned and first task was to develop the database according to requirements. Therefore, designed the database with relationships for the project by discussing in group.



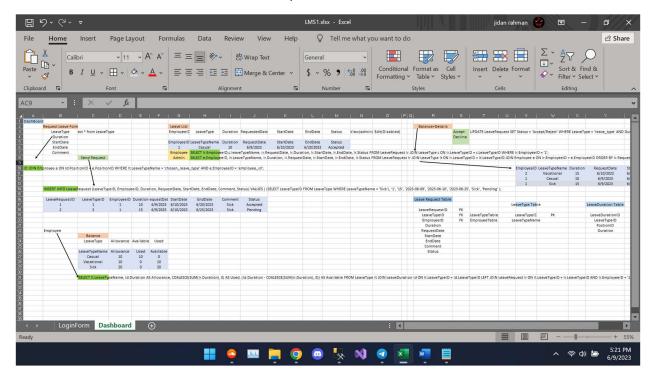
June 08, 2023

Updated the database of the given project. Still there might be change needed. Therefore, tried to build some basic UI structure to get more idea about the database by creating queries.



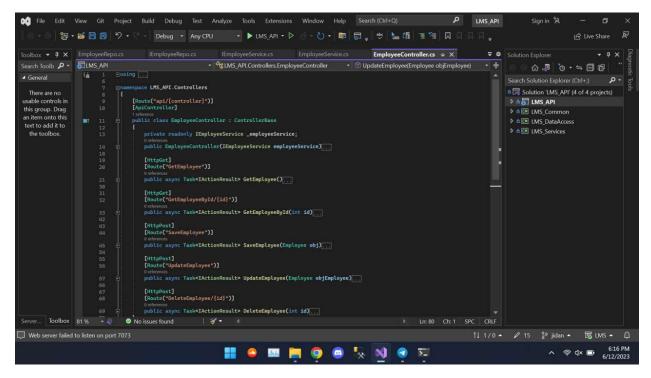
June 09, 2023

Finalized the database for the assigned project. Developed queries for different actions. Build the database in MS SQL Server and executed the queries to see the results.



June 12,2023

Did the Employee CRUD and Login of the LMS project using ASP.Net Core Web API.



June 13,2023

Did the CRUD operation for all the entities of LMS project as well as login authentication(JWT) in .Net Core Web API.

June 14,2023

Did the authentication (JWT) and authorization in .Net Core Web API.

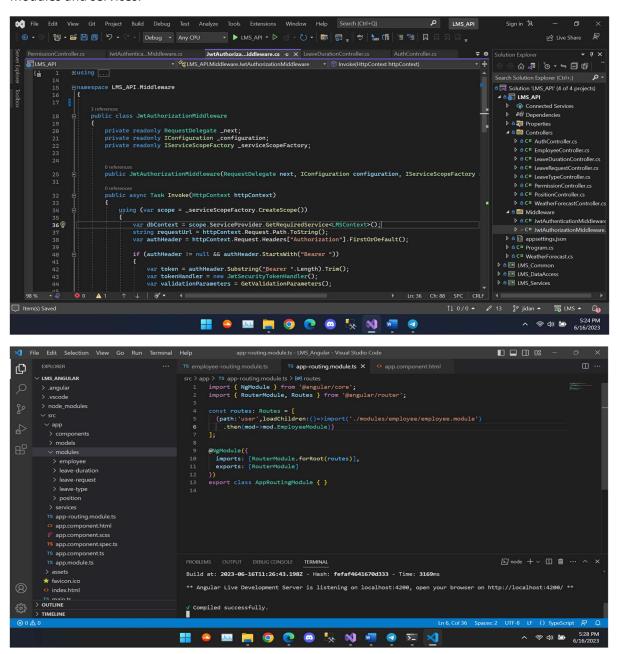
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13 ⊟namespace L
            □namespace LMS_API.Controllers
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                 [Route("api/[controller]")]
[ApiController]
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                    private readonly LMSContext _context;
private readonly IConfiguration _configuration;
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                        _configuration = configuration;
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                       _context = context;
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                    [HttpPost]
[Route("Login")]
                        var user = Authenticate(userLogin);
if(user!=null)
                      var token = Generate(user);
return Ok(token);
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June 15,2023

Learning the JWT authentication and authorization by using custom middleware of the LMS project.

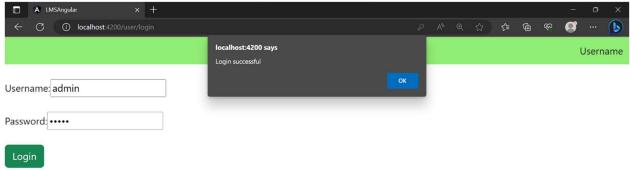
June 16,2023

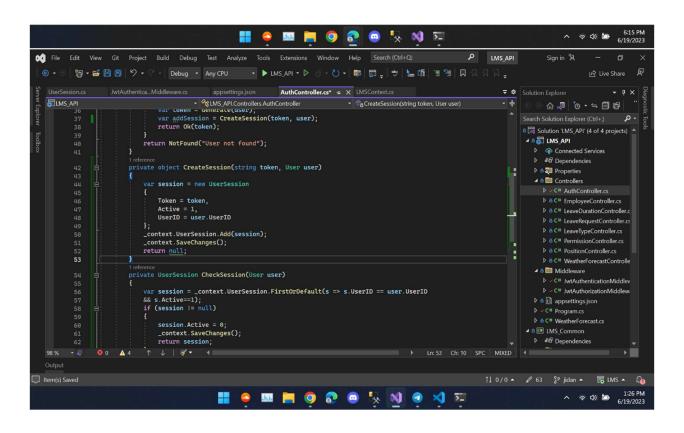
Completed the JWT authentication and authorization using custom middleware of the LMS project in .Net Core Web API. Started building the frontend of the LMS project in Angular by defining the components, modules and services.

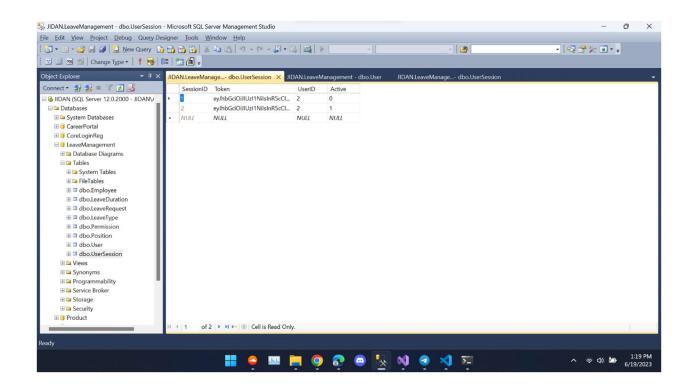


June 19,2023

Created session for user. Implemented Login and RequestLeave in the frontend by calling the API.

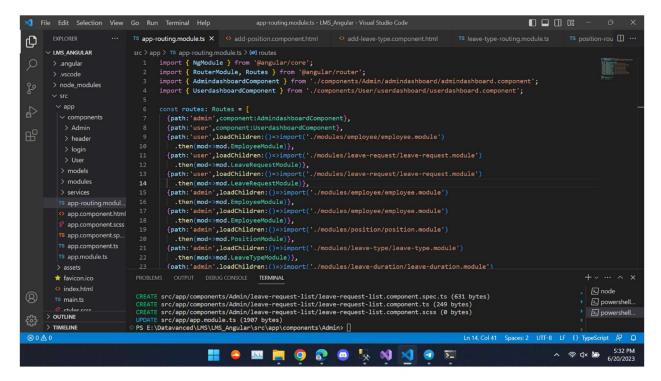






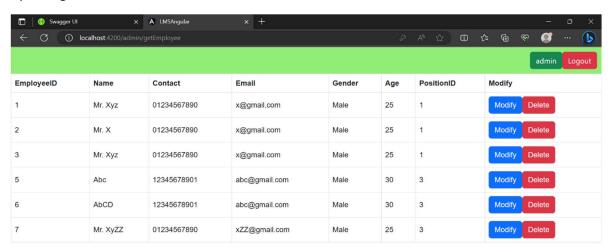
June 20,2023

Modified some code of authorization in the backend. Did most of the routing for different components in the frontend.



June 21,2023

Modified login by using interceptor. Retrieved data from database for some components in the frontend by calling API.



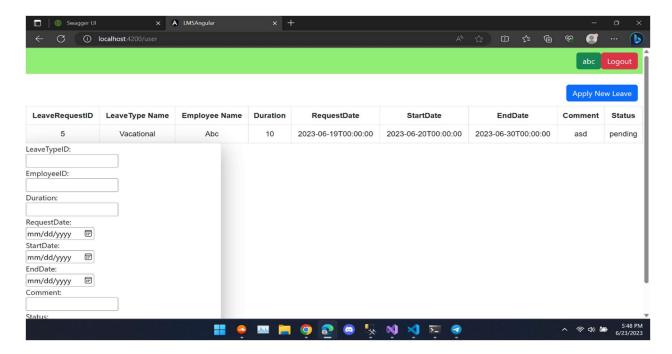


June 22,2023

Implement AUTH Guard in angular for protecting the routing of the LMS project. Did the CRUD for employee by calling the API's in Angular.

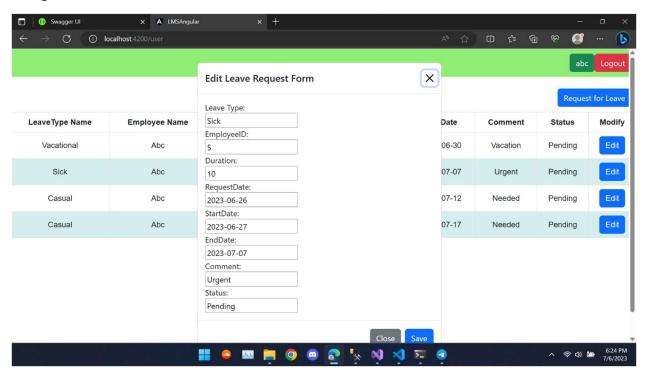
June 23,2023

Learned how to pass data from parent to child and child to parent component by using @Input(), @Output decorator and the EventEmitter. Implemented some components to retrieve data from database using API as well as implemented modals in angular



July 06,2023

Learned how to use bootstrap modals, implemented @input () decorator to pass data from parent to child component. Implemented those in the User Dashboard of the LMS project. Also, got to know about pipes in angular.

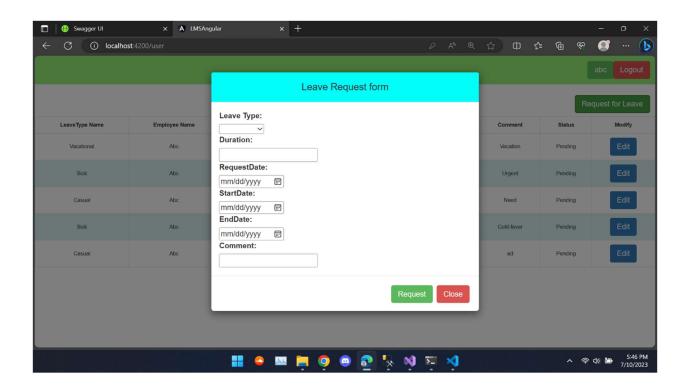


July 7, 2023

Learned @input(), @output() decorator and EventEmitter in Angular.

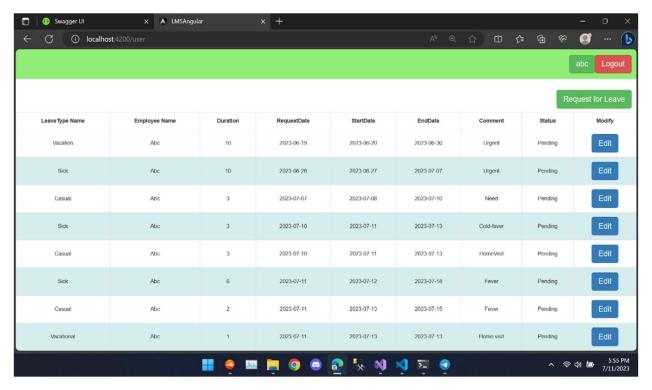
July 10, 2023

Implemented Request for leave form to apply for leave using @Output() decorator and EventEmitter.



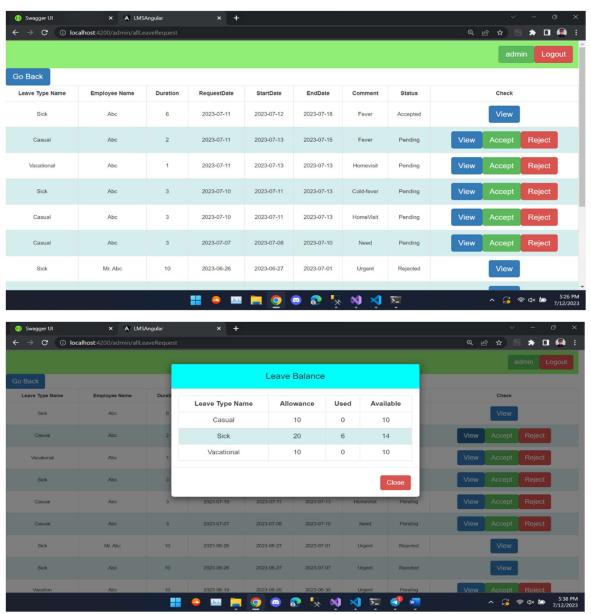
July 11,2023

Completed implementing user dashboard of the LMS project. Passed data through components using @Input(), @Output() decorator and EventEmitter.



July 12, 2023

Implemented how 'Admin' will handle the Leave Requests of the LMS project. Admin can check all the LeaveRequests and by clicking on the "View" button of a particular request, it will show the leave balance of the requested employee. By checking the leave balance admin can either accept the request by clicking "Accept" button or deny by clicking on "Reject" button.



July 13, 2023

Implemented how employee will view the rejected leave request and the rejection cause of the LMS project. Tried to update the navigation bar of admin.

July 14, 2023

Completed implementing the LMS project.

