



Module Code & Module Title CS6004 Application Development

Submission Type Assignment Report

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Group: C3

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Assignment due date: 22/04/2025

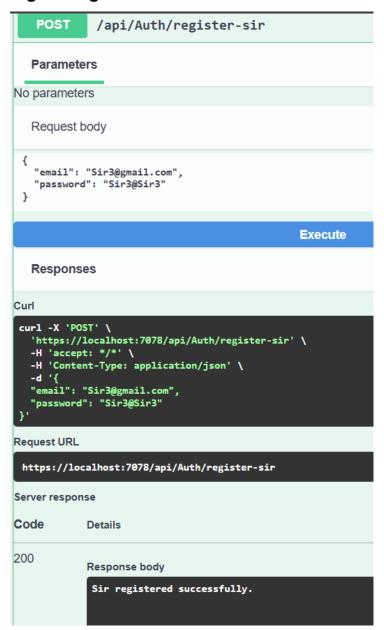
Assignment submitted date: 22/04/2025

Submitted To: Sanam Katuwal

Declaration

I confirm that I understand my assignment needs to be submitted online via My Second Teacher under the relevant module page before the deadline to be accepted and marked. I am fully aware that late submission will be treated as non-submission and a mark of zero will be award

Screenshots of registering Sir.



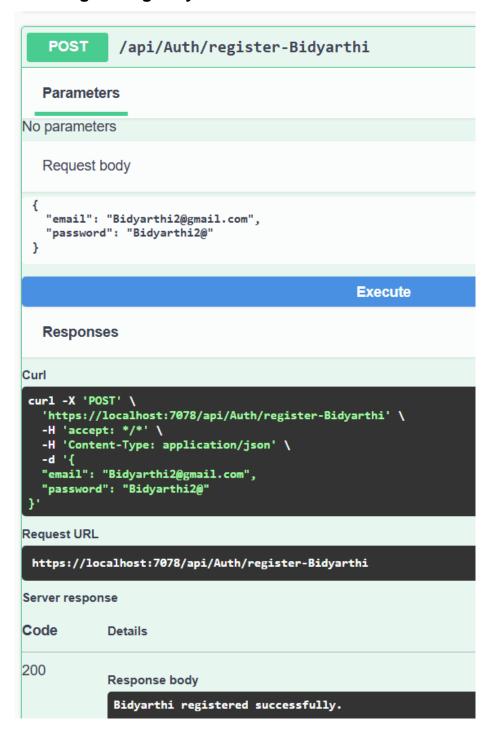
```
[HttpPost("register-sir")]

public async Task<IActionResult> RegisterAsSir([FromBody] CredentialDto model)
{
    var user = new IdentityUser { UserName = model.Email, Email = model.Email };
    var result = await _userManager.CreateAsync(user, model.Password);

    if (result.Succeeded)
    {
        await _userManager.AddToRoleAsync(user, "Sir");
        return Ok("Sir registered successfully.");
    }

    return BadRequest(result.Errors);
}
```

Screenshots of registering Bidyarthi



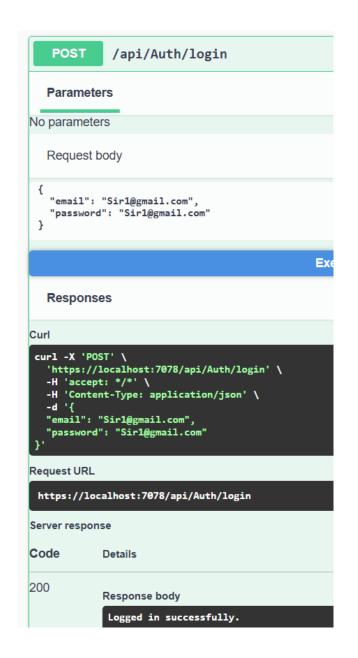
```
[HttpPost("register-Bidyarthi")]
0 references
public async Task<IActionResult> RegisterAsBidyarthi([FromBody] CredentialDto model)
{
    var user = new IdentityUser { UserName = model.Email, Email = model.Email };
    var result = await _userManager.CreateAsync(user, model.Password);

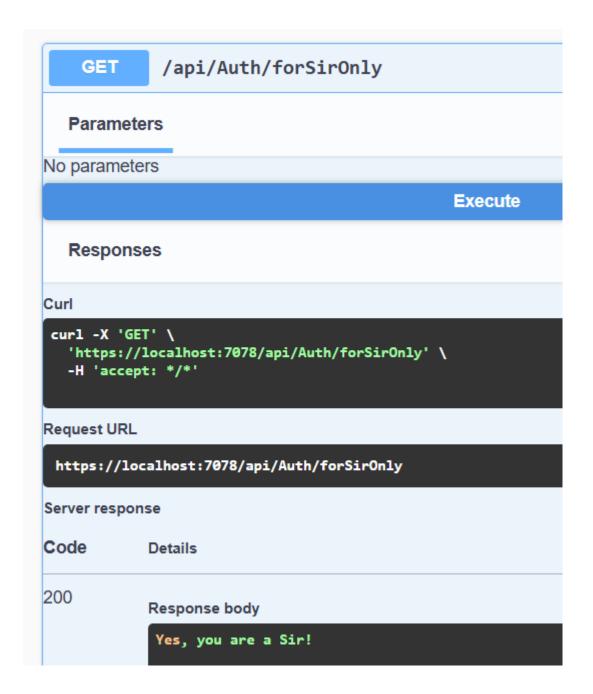
    if (result.Succeeded)
    {
        await _userManager.AddToRoleAsync(user, "Bidyarthi");
        return Ok("Bidyarthi registered successfully.");
    }

    return BadRequest(result.Errors);
}
```

Screenshots of Endpoint only accessible by Sir

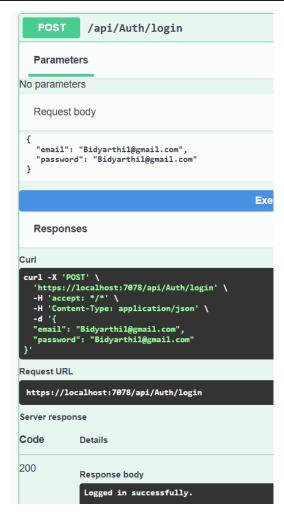
```
[Authorize(Roles = "Sir")]
[HttpGet("forSirOnly")]
0 references
public IActionResult forSir()
{
    return Ok("Yes, you are a Sir!");
}
```



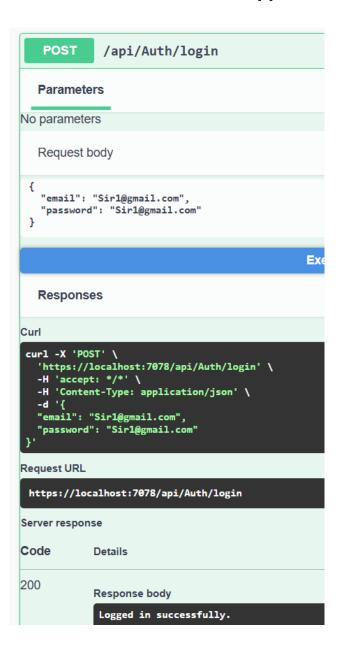


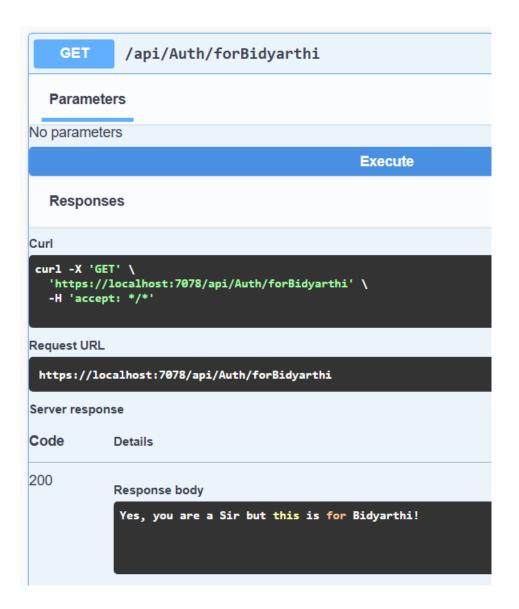
Screenshots of Endpoint accessible by Bidyarthi which can able be accessed by Sir as well

```
[Authorize(Roles = "Bidyarthi, Sir")]
[HttpGet("forBidyarthi")]
0 references
public IActionResult forBidyarthi()
{
    if (User.IsInRole("Sir"))
    {
        return Ok("Yes, you are a Sir but this is for Bidyarthi!");
    }
    else
    {
        return Ok("Yes, you are a Bidyarthi!");
    }
}
```



```
GET
          /api/Auth/forBidyarthi
Parameters
No parameters
                                               Execute
Responses
Curl
curl -X 'GET' \
   'https://localhost:7078/api/Auth/forBidyarthi' \
  -H 'accept: */*'
Request URL
 https://localhost:7078/api/Auth/forBidyarthi
Server response
Code
            Details
200
            Response body
             Yes, you are a Bidyarthi!
```





All endpoints in the project

```
[HttpPost("register")]

Draftmarcan
public async Task<IActionResult> Register([FromBody] CredentialDto model)...

[HttpPost("register—admin")]

Draftmarcan
public async Task<IActionResult> RegisterAsAdmin([FromBody] CredentialDto model)...

[HttpPost("register—sir")]

Draftmarcan
public async Task<IActionResult> RegisterAsSir([FromBody] CredentialDto model)...

[HttpPost("register—Bidyarthi")]

Draftmarcan
public async Task<IActionResult> RegisterAsBidyarthi([FromBody] CredentialDto model)...

[HttpPost("login")]

Draftmarcan
public async Task<IActionResult> Login([FromBody] CredentialDto model)...

[HttpPost("logout")]

Draftmarcan
public async Task<IActionResult> Logout()...
```

Auth	
GET	/api/Auth/users
GET	/api/Auth/GetRoles
GET	/api/Auth/forSirOnly
GET	/api/Auth/forSirOnly2
GET	/api/Auth/forSirOnly3
GET	/api/Auth/forBidyarthi
GET	/api/Auth/forBidyarthi2
POST	/api/Auth/register
POST	/api/Auth/register-admin
POST	/api/Auth/register-sir
POST	/api/Auth/register-Bidyarthi
POST	/api/Auth/login
POST	/api/Auth/logout