## AR1: Account Recovery login.js ISqID... ASP.NET Core Middleware UserManagementController UserManagementService Resp... Home Page User on User selects recover account and enter their user id Home Page createAccountRecoveryRequest() createAccountRecoveryRequest() use the fetch api to make a POST request call to the backend Middlewares evaluate with the jwt token in the header request for permissions Middleware initialize all dependencies Middleware validates the jwtToken in the request header \_\_\_\_\_ app.Run(); \_\_\_\_\_ CreateAccountRecoveryRequest is envoked CreateAccountRecoveryRequest validates the jwtToken in the request header CreateAccountRecoveryRequest (AppPrincipal, userId) from the UserManagementService var response = new Respoonse(); is called CreateAccountRecoveryRequest authorizes the AppPrincipal instantiate var startTimer = DateTime.Now CreateAccountRecoveryRequest calls Refer to CreateDataOnlyDAO CreateAccountRecoveryRequest(string userId) — Success Outcome Diagram ' Refer to createDataOnlyDad outcome Diagram Refer to CreateDataOnlyDa Response Object Response Object {HasError = False, {HasError = False, Response Object ErrorMessage = null, ErrorMessage = null, {HasError = False, Diagram **←** — — — Output = [<ObjectId>] — — — — — — — Coutput = [<ObjectId>] - -ErrorMessage = null, RetryAttempts = 0 RetryAttempts = 0 - - Output = [<ObjectId>] - -IsSafeToRetry = false IsSafeToRetry = false RetryAttempts = 0 Logld = <Logld> IsSafeToRetry = false Logld = <Logld> Logld = <Logld> Service parse the response and check that if there is an instantiate var endTimer = DateTime.Now checks if time elapsed has been between 3 to 5 secs response = Response Object {HasError = False, ErrorMessage = null, logger.CreateLog **←** — — — Output = [<ObjectId>] If response.HasError = False, ("Logs", userHash, "Info", js alerts user with success message RetryAttempts = 0 "Persistent Data Store", return Ok(response.Output) IsSafeToRetry = false \$"The View successfully created.") requestsuccessfully created" LogId = <LogId>