Test Cases and Results

Test / Scenario	Input	Expected Result	Actual Result	Passed
Send valid username & password	POST correct credentials	Valid token returned	As expected	Y
Send invalid username & password	POST incorrect credentials	403 status returned	As expected	Y
Employees				
Send any employee-related request as a non-admin	GET employees request	403 status returned	As expected	Y
GET all employees as admin	GET employees request	200 status returned & all employees in response body	As expected	Y
GET single existing employee	GET employee request	200 status & copy of employee in response body	As expected	Y
GET single employee that doesn't exist in database	GET employee request	404 status returned	As expected	Y
POST new employee with correct input	POST employee request	201 status returned & copy of new employee in response body	As expected	Y
POST new employee with missing input	POST employee request	400 status & error message in response body	As expected	Y
PUT existing employee with correct input	PUT employee request	200 status returned & copy of updated employee in response body	As expected	Y
PUT employee that doesn't exist in database	PUT employee request	404 status returned	As expected	Y
PUT employee and attempt to change employee number	PUT employee request	400 status & error message in response body	As expected	Y
DELETE existing employee with correct input	DELETE existing employee request	204 status returned	As expected	Y
DELETE employee that doesn't exist in database	DELETE employee request	404 status returned	As expected	Y
Timesheets				
GET all timesheets as admin	GET timesheets request	200 status returned & all timesheets in response body	As expected	Y
GET all timesheets as regular user	GET timesheets request	200 status returned & all user owned timesheets in response body	As expected	Y
POST new timesheet with correct input	POST timesheets request	201 status returned & copy of new timesheet in response body	As expected	Y
POST new timesheet with incorrect input	POST timesheets request	400 status & error message in body	As expected	Y
PUT existing timesheet with correct input	PUT timesheets request	200 status returned & copy of updated timesheet in body	As expected	Y
PUT timesheet that doesn't exist in database	PUT timesheets request	404 status returned	As expected	Y
PUT timesheet and attempt to change timesheet ID	PUT timesheets request	400 status & error message in response body	As expected	Y
DELETE existing timesheet with correct input	DELETE existing timesheets request	204 status returned - timesheet and all rows associated with it should be deleted	As expected	Y
DELETE timesheet that doesn't exist in database	DELETE timesheets request	404 status returned	As expected	Y

Test / Scenario	Input	Expected Result	Actual Result	Passed
Timesheet Rows				
POST new timesheet row to an existing timesheet	POST timesheet row req.	201 status returned & copy of new timesheet row in response body	As expected	Y
POST new timesheet row to a timesheet that doesn't exist in database	POST timesheet row req.	400 status & error message in body	As expected	Y
PUT existing timesheet row with correct input	PUT timesheet row req.	200 status returned & copy of updated timesheet row in response body	As expected	Y
PUT timesheet row that doesn't exist in database	PUT timesheet row req.	404 status returned	As expected	Y
PUT timesheet row and attempt to change timesheet row ID	PUT timesheet row req.	400 status & error message in response body	As expected	Y
DELETE timesheet row with correct input	DELETE timesheet row req.	204 status returned	As expected	Y
DELETE timesheet row that doesn't exist in database	DELETE timesheet row req.	404 status returned & error message in response body	As expected	Y