Criteria	Ratings		Pts
REST API: Technical Requirements The REST API meets the technical requirements listed in the relevant section of the assignment.	**0 pts** **Not met** One or more technical requirements are not met. You will lose points for not meeting the technical requirements.		0 pts
REST API: POST endpoint, success POST endpoint creates a new document and sends back the correct response body and status code 201 when it receives a valid request body	**4 to >0.0 pts** **Excellent**	**0 pts** **Missing**	4 pts
REST API: POST endpoint, failure POST endpoint doesn't create a document, sends back the the correct error message and status code 400 when it receives an invalid request body	**4 to >0.0 pts** **Excellent**	**0 pts** **Missing**	4 pts
REST API: GET endpoint without a path parameter GET endpoint sends back all the documents in a JSON array and has status code 200	**2 to >0.0 pts** **Excellent**	**0 pts** **Missing**	2 pts
REST API: GET endpoint with path parameter, success	**2 to >0.0 pts** **Excellent**	**0 pts** **Missing**	2 pts

Criteria	Ratings		Pts
GET endpoint with a path parameter sends a response with the doc and status code 200 if the doc exists			
REST API: GET endpoint with path parameter, failure GET endpoint with a path parameter sends a response with the correct error message and status code 404 if the doc doesn't exist	**2 to >0.0 pts** **Excellent**	**0 pts** **Missing**	2 pts
REST API: PUT endpoint, success PUT endpoint updates the existing document and sends back the correct response body and status code 200 when it receives a valid request body and the path parameter contains the ID of an existing document.	**4 to >0.0 pts** **Excellent**	**0 pts** **Missing**	4 pts
REST API: PUT endpoint, failure PUT endpoint sends back the correct error message and the correct status code when it receives either an invalid request body or the path parameter contains the ID of a document that doesn't exist.	**4 to >0.0 pts** **Excellent**	**0 pts** **Missing**	4 pts

Criteria	Ratings			Pts
REST API: DELETE endpoint, success DELETE endpoint deletes the document and sends back status code 204 when the path parameter contains the ID of an existing document	**2 to >0.0 pts** **Excellent**		**0 pts** **Missing**	2 pts
REST API: DELETE endpoint, failure DELETE endpoint sends back status code 404 and the correct error message when the path parameter contains the ID of a document that doesn't exist	**2 to >0.0 pts** **Excellent**		**0 pts** **Missing**	2 pts
React app: Submission Submission was a .zip archive without node_modules, correctly named with ONID_react.zip	**0 pts** **Not met** One or more errors in the submission. You will lose points if your submission doesn't follow the instructions we have provided to you.			0 pts
React App: Technical Requirements The React app meets the technical requirements listed in the relevant section of the assignment	**0 pts** **Not met** One or more technical requirements are not met. You will lose points for not meeting the technical requirements.			0 pts
React App: The Home Page displays all exercises in an HTML table The Home page calls the GET endpoint in the REST API and displays	**4 pts** **Excellent** All the exercises in the database are displayed in an	**3 pts** **Satisfactory** All the exercises in the database are displayed in an	**0 pts** **Missing** At least one exercise is missing on the Home page. Or	4 pts

Criteria	Ratings			Pts
all the exercises in an HTML table	HTML table. The HTML table is syntactically correct.	HTML table. But the HTML table has syntax errors.	the Home page doesn't use an HTML table to display the exercises.	
React App: Each row in the Home page is correct Each row shows the 5 required properties and has both delete and edit icons	**2 pts** **Excellent** All 5 required properties are displayed. Icons are displayed with each exercise for edit and delete.	**1 pts** **Satisfactory** All 5 required properties are displayed. But only 1 icon is displayed.	**0 pts** **Missing** Any of the 5 required properties is not displayed. Or both the icons are missing.	2 pts
React App: Components implemented for Home page The Home page must use at least 2 React components implemented by you, one for the table and one for the row	**2 pts** **Excellent** The Home pages uses at least 2 React components implemented by you, one for the table and one for the row.	**1 pts** **Satisfactory** The Home page uses only 1 of the 2 required components.	**0 pts** **Missing** The Home page uses neither of the 2 required components.	2 pts
React App: Clicking on the delete icon deletes the row from the database Clicking on the delete icon calls the DELETE endpoint to delete the row and the row is no longer displayed in the HTML table	**2 pts** **Excellent** Clicking on the delete icon calls the DELETE endpoint to delete the row and the row is no longer displayed in the HTML table	**1 pts** **Satisfactory** Clicking on the delete icon calls the DELETE endpoint to delete the row but the row is still displayed in the HTML table	**0 pts** **Missing** Clicking on the delete icon doesn't delete the row in the database.	2 pts
React App: The Create Exercise page provides the controls for creating an exercise	**1 pts** **Excellent** The Create Exercise page provides all the controls for creating an exercise.		**0 pts** **Missing** The Create Exercise is missing one or more control for inputting data for a new exercise.	1 pts

Criteria	Ratings			Pts
React App: Creating an exercise works correctly when valid data is entered When the user enters valid data on the Create Exercise page, clicking on save calls the POST endpoint, shows a message to the user and takes the user back to the Home page when the REST API returns status code 201.	**4 pts** **Excellent** When the user enters valid data on the Create Exercise page, clicking on save calls the POST endpoint, shows a message to the user and takes the user back to the Home page when the REST API returns status code 201.	**2 pts** **Satisfactory** Clicking on save on the Create Exercise page calls the POST endpoint and creates an exercise when valid data is entered. However, either a message is not shown to the user and/or the user is not automatically taken back to the Home page.	**0 pts** **Missing** Clicking on the create button on Create Exercise page doesn't create an exercise even when valid data is entered by the user.	4 pts
React App: Creating an exercise shows an error message when invalid data is entered When the user enters invalid data on the Create Exercise page, clicking on save calls the POST endpoint, shows an error message to the user and takes the user back to the Home page when REST API returns status code 400.	**2 pts** **Excellent** When the user enters invalid data, clicking on save on the Create Exercise page calls the POST endpoint, shows an error message to the user and takes the user back to the Home page.	**1 pts** **Satisfactory** When the user enters invalid data, a message is not displayed to the user when the REST API response is received. Or a message is displayed but the user is not automatically take back to the Home page.	**0 pts** **Missing** When the user enters invalid data, no message is displayed to the user and the user is not automatically taken back to the Home page.	2 pts
React App: The Home Page displays the correct data when it is displayed after the create exercise page If an exercise was successfully created, the Home Page includes a row for the newly created exercise.	**1 pts** **Excellent** When the Home page is displayed after the user attempts to create an exercise, correct data is displayed on the Home page. If an exercise was successfully created, the Home Page includes a row for the newly created exercise. Otherwise,	**0 pts** **Missing** When the Home page is displayed after the user attempts to create an exercise, the Home page doesn't show the correct data.		1 pts

Criteria	Ratings			Pts
Otherwise, the Home Page shows the same exercises as were displayed before the user tried to unsuccessfully create this exercise.	the Home Page shows the same exercises as were displayed before the user tried to unsuccessfully create this exercise.			
React App: Clicking on the edit icon takes the user to the Edit Exercise page Clicking on the edit icon takes the user to the Edit Exercise page with the input controls pre-populated with the data from the relevant exercise.	**4 pts** **Excellent** Clicking on the edit icon takes the user to the Edit Exercise page with the input controls pre-populated with the data for the exercise being edited.	**2 pts** **Satisfactory** Clicking on the edit icon takes the user to the Edit Exercise page. But 1 input control is not pre-populated with the data for the exercise being edited.	**0 pts** **Missing** Clicking on the edit icon doesn't take the user to the Edit Exercise page. Or the Edit Exercise page is displayed but it is missing data for at least 2 properties of the exercise being edited.	4 pts
React App: Updating an exercise works correctly when valid data is entered When the user enter valid data on the Edit Exercise page, clicking on save calls the PUT endpoint with the ID of the correct exercise, shows a message to the user and takes the user back to the Home page when the REST API returns status code 200.	**4 pts** **Excellent** When the user enter valid data on the Edit Exercise page, clicking on save calls the PUT endpoint with the ID of the correct exercise, shows a message to the user and takes the user back to the Home page when the REST API returns status code 200.	**2 pts** **Satisfactory** When the user enters valid data, clicking on save on the Edit Exercise page calls the PUT endpoint and updates the exercise. However, either a message is not shown to the user and/or the user is not automatically taken back to the Home page.	**0 pts** **Missing** Clicking on the save button on the Edit Exercise page doesn't update an exercise even when valid data is entered by the user.	4 pts
React App: Updating an exercise shows an error message when invalid	**2 pts** **Excellent** When the user enters invalid data, clicking on save on the	**1 pts** **Satisfactory** When the user enters invalid data on the Edit Exercise page	**0 pts** **Missing** When the user enters invalid data on the Edit Exercise	2 pts

Criteria	Ratings			Pts
data is entered When the user enters invalid data on the Edit Exercise page, clicking on save calls the PUT endpoint with the ID of the correct exercise, shows an error message to the user and takes the user back to the Home page when the REST API returns a status code other than 200.	Edit Exercise page calls the PUT endpoint, shows an error message to the user and takes the user back to the Home page.	and clicks save, a PUT request is sent to the REST API, but no message is displayed to the user when the REST API response is received. Or a message is displayed but the user is not automatically take back to the Home page.	page, no message is displayed to the user and the user is not automatically taken back to the Home page.	
React App: The Home Page displays the correct data when it is displayed after the Edit Exercise page If an exercise was successfully updated, the Home Page shows the updated exercise. Otherwise, the Home Page shows this exercise as it was before the user tried to unsuccessfully update the exercise.	**1 pts** **Excellent** When the Home page is displayed after the user attempts to edit an exercise, correct data is displayed on the Home page.	**0 pts** **Missing** When the Home page is displayed after the user attempts to edit an exercise, the Home page doesn't show the correct data.		1 pts
React App: implemented as a SPA The React app must be implemented as an SPA	**4 pts** **Excellent** The React app is an SPA.	**0 pts** **Missing** The React app is not an SPA		4 pts
React App: Choice of unit is via a select element A select element is used to present the choice for unit on Create Exercise and	**1 pts** **Excellent** A select element is used to present the choice for unit on	**0.5 pts** **Satisfactory** A select element is used to present the choice for unit on	**0 pts** **No Marks** A select element is not used to present the choice for unit on	1 pts

Criteria	Ratings				Pts
Edit Exercise pages	both Create Exercise and Edit Exercise pages.	either Create Exercise page or Edit Exercise page, but not on both the pages.	both Create Exercise and Edit Exercise pages.		
React App: Global Design Features All three pages render the global header, global navigation component, and a global footer with a copyright statement.	**2 pts** **Excellent** All 3 pages have the global header, global navigation component and a global footer with a copyright statement.	**1 pts** **Satisfactory** Only 2 pages have the global header, global navigation component and a global footer with a copyright statement.	**0 pts** **No Marks** Only 1 page or no page has the global header, global navigation component and a global footer with a copyright statement.		2 pts
CSS Rules The App.css file includes the required rules for these groups of rules: body, table, and form elements.	**6 pts** **Full Marks** The App.css file includes the required rules for these groups of rules: body, table, and form elements.	**4 pts** **Partially met** One or more required rules are missing, but at least 75% of the required rules are included .	**2 pts** **Partially met** At least 50% of the required rules are included .	**0 pts** **No Marks** More than half of the required rules are missing.	6 pts
				Total Points: 68	