

# Portfolio (Part A) for Server-Side

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## Learning Outcome 9

“Design **test cases**, create **test scripts** and **test data**, and **automate repeatable tasks** to verify correctness of software systems”

## Learning Outcome 10

“**Execute** and **record manual** and **automated** testing in accordance with **test plans** for a software solution”

Provide evidence of your test plan.

### Client Testing

Arrange	Act	Assert
User browses to the Reservationizr App	User views reservation Feed	Client should GET blank endpoint
		Should display date for each reservation
		Should display restaurant name for each reservation
	User clicks "see more" button on a reservation	Client should GET /reservations/:id endpoint
		Should display date
		Should display restaurant name
		Should display party size

## Express Server Testing

Arrange	Act	Assert
Use API test tool (insomnia) or app.test.js	API GET request /reservations	Returns a 200 status
		Request method is GET
		Response is JSON
		Response was this: [ { "id": "507f1f77bcf86cd799439011", "partySize": 4, "date": "2023-11-17T06:30:00.000Z", "userId": "614abe145f317b89a2e36883", "restaurantName": "Island Grill" }, { "id": "614abf0a93e8e80ace792ac6", "partySize": 2, "date": "2023-12-03T07:00:00.000Z", "userId": "614abe145f317b89a2e36883", "restaurantName": "Green Curry" } ]
	API GET request /reservations/:id ("id": 507f1f77bcf86cd799439011)	Returns a 200 status
		Request method is GET
		Response was JSON
		{ "id": "507f1f77bcf86cd799439011", "partySize": 4,

		<pre>       "date":       "2023-11-17T06:30:00.000       Z" ,       "userId":       "614abe145f317b89a2e368       83",       "restaurantName":       "Island Grill"       } </pre>
	API GET request /reservations/bad-id	Returns 400 status
		Request method is GET
		Response was JSON
		{ message: 'id provided is invalid' }
	API GET request /videos/unused-id	Returns a 404 status
		Request method is GET
		Response was JSON
		{ message: 'id not found' }
formatReservations.test.js	Test formatReservations function	<pre> Assert {   "_id": { "\$oid": "507f1f77bcf86cd79943901 1" },   "partySize": 4,   "date": { "\$date": "2023-11-17T06:30:00.000 Z" },   "userId": "614abe145f317b89a2e368 83",   "restaurantName": "Island Grill" } Equals {   "id": { "\$oid": "507f1f77bcf86cd79943901 1" },   "partySize": 4,   "date": { "\$date": "2023-11-17T06:30:00.000 Z" }, </pre>

		<pre>         "userId":         "614abe145f317b89a2e36883",         "restaurantName":         "Island Grill"       } </pre>
validId.test.js	Test validId function Valid Id ("614d4e4a68036a1c7cd77ea6")	Returns true
	Test validId function invalid-id	Returns false
Provide evidence of your test data (e.g. expected inputs and outputs embedded in code, as JSON files or in a table)		
Formatted reservations test. Expected JSON <pre> {   "id": { "\$oid": "507f1f77bcf86cd799439011" },   "partySize": 4,   "date": { "\$date": "2023-11-17T06:30:00.000Z" },   "userId": "614abe145f317b89a2e36883",   "restaurantName": "Island Grill" } </pre>		
Provide evidence of your tests (Please provide a link to your GitHub repository tests)		
Client-side tests are here: <a href="https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/client/src/test">https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/client/src/test</a>		
Server-side tests are here: <a href="https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/server/src">https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/server/src</a> <a href="https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/server/src/utlis">https://github.com/Developers-Institute-Classrooms/02-project---reservationizer-application--get-requests-TayneB/tree/main/server/src/utlis</a>		
Provide a video (loom or similar) describing the steps in your test plan as you walk through it.		
<a href="https://www.loom.com/share/293b9fb26e254d4a9289e32f5c3c6981">https://www.loom.com/share/293b9fb26e254d4a9289e32f5c3c6981</a>		