Year 9/10 IST Assignment Two Semester One (40%)

Name:

Marking Criteria:

Item	Mark	Total
Node.js Request/Response (10 marks)		
/welcome displays the correct message	1	
/example displays an example JSON object	1	
/list displays all objects stored in the JSON file	2	
/add?id=…&desc=… displays a new object, using query parameters	2	
/add?id=…&desc=… also appends the object to a JSON file	2	
/delete/… deletes a single object in the JSON file, by ID using a request parameter	2	
Node.js Form (10 marks)		
/form "List" button displays all JSON objects using api (/list)	2	
/form "Add" button prompts for ID and DESC, and uses api (/add?id=…&desc=…)	2	
/form "Delete" button prompts for an ID and uses api (/delete/…)	2	
/form "Table" button formats the JSON objects within a 2 column table (/list)	2	
Appropriate comments are included to demonstrate understanding	2	
Node.js & MongoDB (10 marks)		
/tasks (GET) displays all objects stored in the DB	2	
/tasks (POST) adds a new object to the DB using body parameters	2	
/tasks/… (DELETE) deletes a single object in the DB, by id	2	
Errors such as incorrect DB name are handled and displayed	2	
Appropriate comments are included to demonstrate understanding	2	
Enhancement (6 marks)		
/dbform used to interact with /tasks (providing same functionality as the other form)	2	
Forms are redesigned with text inputs instead of prompts	2	
Forms are improved aesthetically	2	
Extension (4 marks)		
Forms utilise an 'X' (delete) button for each object in a 3rd column in the table	2	
Enhanced with advanced functionality (e.g. more complex schemas and data)	2	
Penalties		
Late penalty	10% / day	
TOTAL	**40**	

Comments: