

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.html "List" button displays all JSON objects using api (/list) | 2 | |
| /form.html "Create" button prompts for ID and DESC, and uses api (/add?id=...&desc=...) | 2 | |
| /form.html "Delete" button prompts for an ID and uses api (/delete/...) | 2 | |
| /form.html "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 (4 marks) | | |
| /form.html is redesigned with text inputs instead of prompts | 2 | |
| /form.html is improved aesthetically | 2 | |
| Extension (6 marks) | | |
| ./form.html utilises an 'X' (delete) button for each object in a 3 rd column in the table | 2 | |
| /dbform.html interacts with /tasks (providing the same functionality as the other form) | 2 | |
| Enhanced with advanced functionality (e.g. more complex schemas and data) | 2 | |
| Penalties | | |
| Late penalty | 10% / day | |
| TOTAL | 40 | |

Comments: