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WEB 420 – RESTFul APIs

Assignment 2.2 – Composer API Interface

Part 1

|  |  |  |  |
| --- | --- | --- | --- |
| Action | HTTP Method | Parameters | Expected Response |
| Retrieve composer by name | GET | Query:  Composer first name  Composer last name | //Response with all composers matching both queried names  {      "composers": [{          "firstName": "example1",          "lastName": "example1"      },      {          "firstName": "example2",          "lastName": "example2"      }      ]  } |
| Retrieve all composers | GET | Query:  Get all Boolean | //Respond with array of ALL composers  {      "composers": [{          "firstName": "example1",          "lastName": "example1"      },      {          "firstName": "example2",          "lastName": "example2"      }      ]  } |
| Add composer | POST | Body:  Composer first name  Composer last name | {      "added composer": {          "status": "success",          "firstName": "example1",          "lastName": "example1"      }  } |

Part 2

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Required | Description |
| firstName | String | Yes | First name of queried or added composer |
| Lastname | String | Yes | Last name of queried or added composer |