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Web – 420 assignment 2.2

Professor Krasso

**Composer API Interface**

Part one:

|  |  |  |  |
| --- | --- | --- | --- |
| Action | HTTP  Method | Parameters | Expected Output |
| createComposer –  Create a new composer. | POST | Body | {  “composer”: {  “id” : 1975,  "firstName" : "Freddy",  "lastName" : “Mercury”  }  } |
| findAllComposers –  Find all composers. | GET | Query | {  “composer”: [  {“id” : 1975,  "firstName" : "Freddy",  "lastName" : “Mercury”  },  {“id” : 1972,  "firstName" : "Paul",  "lastName" : “Simon”  },  {“id” : 1969,  "firstName" : "John",  "lastName" : “Lennon”  }  ]  } |
| findComposerById –  Find composer by ID. | GET | Query | {  “composer”: {  “id” : 1975,  "firstName" : "Freddy",  "lastName" : “Mercury”  }  } |

Part two:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Required** | **Description** |
| **id** | number | yes | Unique ID to identify composer |
| **firstName** | string | yes | First name of composer |
| **lastName** | string | yes | Last name of composer |