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| --- | --- | --- | --- | --- | --- | --- | --- |
| S/N | Description | Test Procedure | Input Test Data | Error Message | Expected Results | Actual Results | Pass/Fail |
| 1 | Validate that running the url retrieves the contents of the course, section, student, prerequisite, completed-course, bid and section-student tables | Postman:  Enter Url | URL: http://localhost:8084/app/json/dump? | {  "status": "success",  "course": [  {  "course": "IS100",  "school": "SIS",  "title": "Calculus",  "description": "The  "exam date": "20101119",  "exam start": "830",  "exam end": "1145"  },  {  "course": "IS101",  "school": "SIS",  "title": "Advanced Calculus",  "description": "This is a second course on calculus. It is more advanced definitely.",  "exam date": "20101118",  "exam start": "1200",  "exam end": "1515"  }  ],  "section": [  {  "course": "IS100",  "section": "S1",  "day": "Monday",  "start": "830",  "end": "1145",  "instructor": "Albert KHOO",  "venue": "Seminar Rm 2-1",  "size": 10  },  {  "course": "IS101",  "section": "S1",  "day": "Tuesday",  "start": "930",  "end": "1130",  "instructor": "Benjamin BEE",  "venue": "Seminar Rm 3-4",  "size": 10  }  ],  "student": [  {  "userid": "ada.goh.2012",  "password": "qwerty128",  "name": "Ada GOH",  "school": "SIS",  "edollar": 200.0  },  {  "userid": "joyce.hsu.2011",  "password": "qwerty123",  "name": "Joyce HSU",  "school": "SIS",  "edollar": 150.0  }  ],  "prerequisite": [  {  "course": "IS101",  "prerequisite": "IS100"  }  ],  "bid": [  {  "userid": "ada.goh.2012",  "amount": 11.0,  "course": "IS101",  "section": "S1"  }  ],  "completed-course": [  {  "userid": "ada.goh.2012",  "course": "IS100"  }  ],  "section-student": [  {  "userid": "joyce.hsu.2011",  "course": "IS100",  "section": "S1",  "amount": 12.0  }  ]  } | Show output | Output is matched with database contents | Pass |
| 2 | Validate that same data is retrieved from above, meaning database is not cleared | Postman:  Same as above | URL: same as above | Same as above | Show output | Database is not empty, data matches shown information | Pass |