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| S/N | Description | Test Procedure | Input Test Data | Error Message | Expected Results | Actual Results | Pass/Fail |
| 1 | Validate if all values required are entered | Postman:  User leave the all the fields required blank | URL: <http://localhost:8084/app/json/section-dump?r>={} | {  "status": "error",  "message": [  "missing course",  "missing section"  ]  } | Show error message | {  "status": "error",  "message": [  "course is missing",  "section is missing"  ]  } | Pass |
| 2 | Validate if course field is entered | Postman:  User leaves course field empty | http://localhost:8084/app/json/section-dump?r={ "section": "S1" }&token= | {  "status": "error",  "message": [  "missing course”  ]  } | Show error message | {  "status": "error",  "message": [  "course is missing"  ]  } | Pass |
| 3 | Validate if section field is missing | Postman:  User leaves section field empty | URL: http://localhost:8084/app/json/section-dump?r={ "course":"IS100" }&token= | {  "status": "error",  "message": [  "missing section”  ]  } | Show error message | {  "status": "error",  "message": [  "section is missing"  ]  } | Pass |
| 5 | Validate if the section is blank | Postman:  User leaves section blank | URL: http://localhost:8084/app/json/section-dump?r={ "course":"IS100", "section": "" }&token= | {  "status": "error",  "message": [  "section is blank"  ]  } | Show error message | {  "status": "error",  "message": [  "section is blank"  ]  } | Pass |
| 6 | Validate if the course is blank and section is missing | Postman:  User leaves course blank and section missing | URL: http://localhost:8084/app/json/section-dump?r={ "course": ""}&token= | {  "status": "error",  "message": [  "blank course”,  “missing section”  ]  } | Show error message | http://localhost:8084/app/json/section-dump?r={ "course": ""}&token= | Pass |
| 7 | Validate if the course is missing and section is blank | Postman:  User leaves course empty and section blank | URL: http://localhost:8084/app/json/section-dump?r={ "section": "" }&token= | {  "status": "error",  "message": [  “missing course”,  "blank section”  ]  } | Show error message | {  "status": "error",  "message": [  "course is missing",  "section is blank"  ]  } | Pass |
| 8 | Validate if both course and section are blank | Postman:  User leaves both course and section blank | URL: http://localhost:8084/app/json/section-dump?r={ "course": "", "section": "" }&token= | {  "status": "error",  "message": [  “blank course”,  "blank section”  ]  } | Show error message | {  "status": "error",  "message": [  "course is blank",  "section is blank"  ]  } | Pass |
| 9 | Validate if course is invalid | Postman:  User enters invalid course | URL: http://localhost:8084/app/json/section-dump?r={“course”:”IS972” “section”:”S1”} | {  "status": "error",  "message": [  “invalid course”,  ]  } | Show error message | {  "status": "error",  "message": [  "invalid course"  ]  } | Pass |
| 10 | Validate if section is invalid | Postman:  User enters invalid section | URL:  http://localhost:8084/app/json/section-dump?r={ "course": "IS100", "section": "IS100" }&token= | {  "status": "error",  "message": [  “invalid section”,  ]  } | Show error message | {  "status": "error",  "message": [  "invalid section"  ]  } | Pass |
| 11 | Validate if course and section is both invalid  (section should only check if the course is valid) | Postman:  User enters invalid course and section | URL: http://localhost:8084/app/json/section-dump?r={ "course": "IS972", "section": "IS972" }&token= | {  "status": "error",  "message": [  "invalid course"  ]  } | Show error message | {  "status": "error",  "message": [  "invalid course"  ]  } | Pass |
| 12 | Validate if course and section is both valid during round 1 when there is no enrolment yet | Postman:  User enters valid course and section | URL: http://localhost:8084/app/json/section-dump?r={ "course": "IS100", "section": "S1" }&token= | {  "status": "success",  "students": []  } | Show success message with no student enrolled | {  "status": "success",  "students": []  } | Pass |
| 13 | Validate if r is missing | Postman:  User leave the r blank | URL: <http://localhost:8084/app/json/section-dump>?  Or  <http://localhost:8084/app/json/section-dump> | {  "status": "error",  "message": "invalid request object"  } | Show error message | {  "status": "error",  "message": "invalid request object"  } | Pass |
| 14 | Validate if course and section is both valid during round 2 when there is enrolment for the section | Postman:  User enters valid course and section | URL:  http://localhost:8084/app/json/section-dump?r={ "course": "IS100", "section": "S1" }&token= | {  "status": "success",  "students": [  {  "userid": "calvin.ng.2009",  "amount": 12.0  },  {  "userid": "dawn.ng.2009",  "amount": 13.0  },  {  "userid": "eddy.ng.2009",  "amount": 14.0  },  {  "userid": "fred.ng.2009",  "amount": 15.0  },  {  "userid": "harry.ng.2009",  "amount": 17.0  },  {  "userid": "ian.ng.2009",  "amount": 18.0  },  {  "userid": "larry.ng.2009",  "amount": 19.0  },  {  "userid": "maggie.ng.2009",  "amount": 20.0  },  {  "userid": "neilson.ng.2009",  "amount": 21.0  },  {  "userid": "olivia.ng.2009",  "amount": 22.0  }  ]  } | Show success message | {  "status": "success",  "students": [  {  "userid": "calvin.ng.2009",  "amount": 12.0  },  {  "userid": "dawn.ng.2009",  "amount": 13.0  },  {  "userid": "eddy.ng.2009",  "amount": 14.0  },  {  "userid": "fred.ng.2009",  "amount": 15.0  },  {  "userid": "harry.ng.2009",  "amount": 17.0  },  {  "userid": "ian.ng.2009",  "amount": 18.0  },  {  "userid": "larry.ng.2009",  "amount": 19.0  },  {  "userid": "maggie.ng.2009",  "amount": 20.0  },  {  "userid": "neilson.ng.2009",  "amount": 21.0  },  {  "userid": "olivia.ng.2009",  "amount": 22.0  }  ]  } | Pass |