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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/bid-dump?r>={} | {  "status": "error",  "message": [  "course is missing",  "section is missing",  "missing token"  ]  } | Show error message | {  "status": "error",  "message": [  "course is missing",  "section is missing",  "missing token"  ]  } | Pass |
| 2 | Validate if course field is entered | Postman:  User leaves course field empty | URL:  http://localhost:8084/app/json/bid-dump?r={ "section": "S1" }&token= | {  "status": "error",  "message": [  "missing course”  ]  } | Show error message | http://localhost:8084/app/json/bid-dump?r={ "section": "S1" }&token= | Pass |
| 3 | Validate if section field is missing | Postman:  User leaves section field empty | URL: <http://localhost:8084/app/json/bid-dump?r>={“course”:”IS100”} | {  "status": "error",  "message": [  "missing section”  ]  } | Show error message | {  "status": "error",  "message": [  "section is missing"  ]  } | Pass |
| 4 | Validate if the course is blank | Postman:  User leaves course blank | URL: http://localhost:8084/app/json/bid-dump?r={ "course": "","section": "S1" }&token= | {  "status": "error",  "message": [  "blank course”  ]  } | Show error message | {  "status": "error",  "message": [  "course is blank"  ]  } | Pass |
| 5 | Validate if the section is blank | Postman:  User leaves section blank | URL: [http://localhost:8084/app/json/bid-dump?r={“course](http://localhost:8084/app/json/bid-dump?r=%7b)”:”IS100”, “section”:””} | {  "status": "error",  "message": [  "blank section”  ]  } | 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/bid-dump?r={“course](http://localhost:8084/app/json/bid-dump?r=%7b)”:””} | {  "status": "error",  "message": [  "blank course”,  “missing section”  ]  } | Show error message | {  "status": "error",  "message": [  "course is blank",  "section is missing"  ]  } | 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/bid-dump?r={“section”:””} | {  "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/bid-dump?r={“course”:”” “section”:””} | {  "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/bid-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/bid-dump?r={“course”:”IS100” “section”:”S100”} | {  "status": "error",  "message": [  “invalid section”,  ]  } | Show error message | {  "status": "error",  "message": [  "invalid course"  ]  } | Fail |
| 11 | Validate if course and section is both invalid | Postman:  User enters invalid course and section | URL: http://localhost:8084/app/json/bid-dump?r={“course”:”IS972” “section”:”S100”} | {  "status": "error",  "message": [  “invalid course”  ]  } | Show error message | {  "status": "error",  "message": [  "invalid course"  ]  } | Pass |
| 12 | Validate if course and section is both valid | Postman:  User enters valid course and section | URL: http://localhost:8084/app/json/bid-dump?r={“course”:”IS100” “section”:”S1”} | {  "status": "success",  "bids": [  {  “row” : 1,  “userid”:“ben.ng.2012”,  “amount”: “12.0”,  “result” : “in”  },  {  “row” : 2,  “userid”:“ada.goh.2012”,  “amount”: “11.0”,  “result” : “out”  }  ]  } | Show error message | {  "status": "success",  "bids": [  {  "row": 1,  "userid": "olivia.ng.2009",  "amount": 22.0,  "result": "-"  },  {  "row": 2,  "userid": "neilson.ng.2009",  "amount": 21.0,  "result": "-"  },  {  "row": 3,  "userid": "maggie.ng.2009",  "amount": 20.0,  "result": "-"  },  {  "row": 4,  "userid": "larry.ng.2009",  "amount": 19.0,  "result": "-"  },  { | Pass |
| 13 | Validate if course and section are valid but there is no bid for that course | Postman:  User enters valid course and section but there is no bid for that course | http://localhost:8084/app/json/bid-dump?r={ "course": "IS101", "section": "S1" }&token= | {  "status": "success",  "bids": []  } | Show success message | {  "status": "error",  "message": [  "invalid token"  ]  } | Fail |