Bid Validation Test Cases

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| S/N | Functions | Description | Test Inputs | Test Procedure | Expected Results | Actual Results | Pass/Fail |
| 1. | 2.1 | Validate if userid is also found in student.csv | Row:40  Field:userid, “MaxSchneider”  File:Bid.csv | Input a userid that is not found in student.csv into bid.csv  Eg carl.icahn.2015 | Display “invalid userid” | Displayed “invalid userid, invalid section, not own school course, class timetable clash” | Fail – stop after invalid userid |
| 2. | 2.1 | Validate that bid amount >= e$10.00 and not more than 2 decimal places. | Row:41  Field: amount, “-11”  File:Bid.csv | Insert an amount that is lesser than e$0,  e.g e$-11 | Display “invalid amount” | Displayed “invalid amount, invalid section, class timetable clash” | Fail – stop after invalid amount |
| 3. | 2.1 | Validate that bid amount >= e$10.00 and not more than 2 decimal places. | Row:42  Field:amount, “9.99”  File:Bid.csv | Insert an amount that is lesser than e$10,  E.g e$ 9.99 | Display “invalid amount” | Displayed “invalid amount, invalid section, class timetable clash” | Fail – stop after invalid amount |
| 4. | 2.1 | Validate that bid amount >= e$10.00 and not more than 2 decimal places. | Row:43  Field: amount, “10.333”  File:Bid.csv | Insert an amount that has more than 2 decimal places  E.g 10.333 | Display “invalid amount” | Displayed “invalid amount, invalid section, class timetable clash” | Fail – stop after invalid amount |
| 5. | 2.1 | Validate if course code is also found in course.csv | Row:44  Field: course, “IS990”  File:Bid.csv | Input a course code that is not found in course.csv into bid.csv  Eg I990 | Display “invalid code” | Displayed “invalid code, not own school course, class timetable clash” | Fail- Stop after invalid code |
| 6. | 2.1 | Validate if section code is also found in section.csv | Row:45  Field: section, “S89”  File: Bid.csv | Input a section code that is not found in section.csv into bid.csv  Eg IS101 S89 | Display “invalid section” | Displayed” invalid section, class timetable clash” | Fail – stop after invalid section |
| 7. | 2.1 | Validate all modules bidded by students in round 1 are from their own school | Row:46  Field:”ECON001”  File: Bid.csv | Input a bid for a module from eg SOB in round 1 by a student from SIS  Eg amy.ng.2009 bid for ECON001 | Display “not own school course” | “not own school course, class timetable clash” | Fail – stop after it isn’t from own school |
| 8. | 2.1 | Validate that class timeslot for the section doesn’t clash with that of a previously bidded section | Row:47,48  Field: course, section “ IS102, S1” and “IS101 S1”  File: Bid.csv | Input a value eg weekly class on Mondays 8.30 am and another class at the same weekly day and time    Eg amy.ng.2009 bidded for a class IS102 S1 prev but the class section clashes with the intended bid for IS101 S1. | Display "class timetable clash" | Displayed “class timetable clash” | pass |
| 9. | 2.1 | Validate that exam timeslot for the section does not clash with that of a previously bidded section | Row:45 and Row 7 in course  Field: Course and section, “IS999,S1”  File: Bid.csv  Included in course “IS999,SIS,Existing Course,This course teach u about the real life of a programmer,20131101,15:30,18:45” | Input a bid for a module with exam date and time at eg Monday,3.30pm which clashes with another exam date of a previously bidded section  Eg User bidded for IS999 SOB where the exam dates starts from 15:30-17:45 but there is an existing bid IS103 from row 7 | Display “exam timetable clash” | Displayed “exam timetable clash” | pass |
| 10. | 2.1 | Validate that student has completed the prerequisites required for the module bidded | Row: 2 in pre-req & controller  Field: “IS100”  File: Bid.csv | Input a module to bid eg IS101 which has a prerequisite of IS100 that the student has completed  Eg amy.ng.2009 bidding for IS101, when student has completed IS100 which is a prerequisite of IS101 | Successfully added into database | Eventhough amy complete is100, which is a pre-requisite of bid is101, she cannot bid for is101 | fail |
| 11. | 2.1 | Validate that student has not completed the course that is bidded | Row:41  Field:”IS100”  File: Bid.csv | Input a module to bid eg IS100 that the student has already completed  Eg amy.ng.2009 bidding IS100 which the student has already completed | “already completed” | “already completed” | pass |
| 12. | 2.1 | Validate that that student hasn’t bidded for more than 5 sections | Row:  Field:  File: Bid.csv | Input a 6th & 7th bid by the student  Eg amy.ng.2009 bidding for 7 modules | “section limit reached” | “cannot even add new courses” | fail |
| 13 | 2.1 | Validate that student has sufficient edollars to place bid. If it is an update of the previous bid, ensure that the amount from previous bid is gained back before bidding | Row:  Field:  File: Bid.csv | Update bid to 25 for IS101 which was previously bided at 15. Assume that student had prior balance of 12  Bid 15 for IS001 when student has prior balance of 12 edollars | "not enough e-dollar" | “cannot even add new courses” | fail |
| 14. | 2.1 | Validate that the column is empty for the whole row . | Row:57  Field: all null  File: bid.csv | Place null values in all fields | “empty rows” | Empty row error doesn’t appear | fail |
|  |  |  |  |  |  |  | 3/14  fail |

Wiki Validation:

List of validations for the bid.csv:

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| "invalid userid" | the userid is not found in student.csv |
| "invalid amount" | the amount must be a positive number >= e$10.00 and not more than 2 decimal places. |
| "invalid code" | the course code is not found in the course.csv |
| "invalid section" | the section code is not found in the section.csv (this is only tested for valid course code) |

After which, perform the following list of logic validations:

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| "not own school course" | This only happens in round 1 where students are allowed to bid for modules from their own school. |
| "class timetable clash" | The class timeslot for the section clashes with that of a previously bidded section. |
| "exam timetable clash" | The exam timeslot for this section clashes with that of a previously bidded section. |
| "incomplete prerequisites" | student has not completed the prerequisites for this course. |
| "already completed" | student has already completed this course. |
| "section limit reached" | student has already bidded for 5 sections. |
| "not enough e-dollar" | student has not enough e-dollars to place the bid. If it is an update of a previous bid for the same course, account for the e$ gained back from the cancellation |