Section Validation Test Cases

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| S/N | Description | Test Inputs | Potential Test Data | Error Message | Expected Results | Actual Results | Pass/Fail |
| 1. | Validate if course is found in course.csv | Course.csv, Section.csv | 1. Input course in Section csv that is not found in Course.csv | “invalid course” |  |  |  |
| 2. | Validate that the first character should be an S followed by a positive numeric number (1-99). This should be checked only if item 1 is valid | Section.csv | 1. A11 2. B100 3. 99 | “invalid section” |  |  |  |
| 3. | Validate if day field is a number 1(inclusive) and 7(inclusive) | Section.csv | 1. -1 2. 9 | “invalid day” |  |  |  |
| 4. | Validate if start time is in the format HH:mm(08:30,12:00.15:30) | Section.csv | 1. 00:22 | “invalid start” |  |  |  |
| 5. | Validate if end time is in the format HH:mm and the end time should be later than start time | Section.csv | 1. Input start time as 12:00 and end time as 08:30 2. 11:55 | “invalid end” |  |  |  |
| 6. | Validate that the instructor field must not exceed 100 characters | Section.csv | 1. Check that instructor field is <= 100 characters | “invalid instructor” |  |  |  |
| 7. | Validate that the venue field must not exceed 100 characters | Section.csv | 1. Check that venue field is <= 100 characters | “invalid venue” |  |  |  |
| 8. | Validate that section size is a positive numeric number | Section.csv | 1. -1 2. aa | “invalid size” |  |  |  |
| 9. | Validate that venue for lesson does not clash with another lesson at the same timeslot | Section.csv | 1. Input another lesson at the same venue and same timeslot | “venue occupied” |  |  |  |

Wiki Validations:

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| "invalid course" | the course is not found in the course.csv |
| "invalid section" | The first character should be an S followed by a positive numeric number (1-99). Check only if course is valid. |
| "invalid day" | The day field should be a number between 1(inclusive) and 7 (inclusive). 1 - Monday, 2 - Tuesday, ... , 7 - Sunday. |
| "invalid start" | the field must be in the format H:mm (8:30, 12:00, 15:30) |
| "invalid end" | the field must be in the format H:mm and the end time should be later than the start time. (11:45, 15:15, 18:45) |
| "invalid instructor" | the instructor field must not exceed 100 characters. |
| "invalid venue" | the venue field must not exceed 100 characters. |
| "invalid size" | the field must be a positive numeric number. |