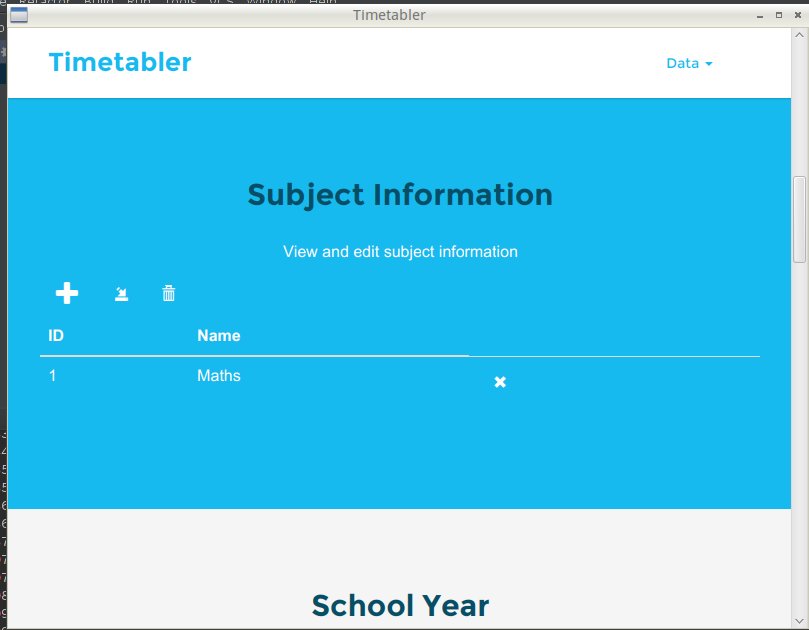
Testing

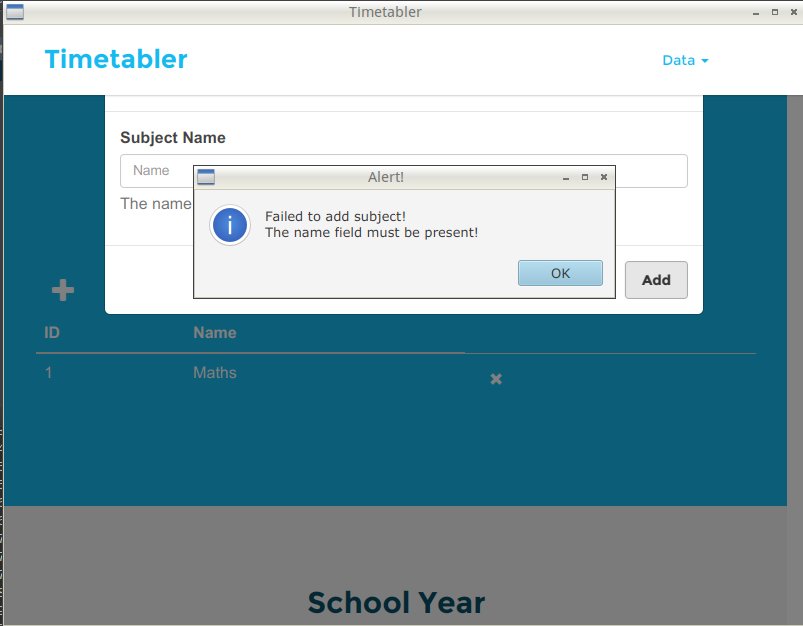
Test Series 1

| Test | Description | Test Data | Expected Result | Pass or Fail | Evidence Reference |
| --- | --- | --- | --- | --- | --- |
| 1 | Add subject | Typical:  Maths | Adds new subject to table | Pass | 1 |
| Erroneous:  (Blank) | Asks user to specify a name and keep dialogue open | Pass | 2 |
| Extreme:  Design and Technology | Stops the user from typing more than 20 characters | Pass | 3 |
| 2 | Add Staff Member | Typical:  Mr Smith  Maths  20 Hours | Adds new staff member to the table | Pass | 4 |
| Erroneous:  Mr Smith  Maths  -1 Hours | Asks the user to specify a valid unsigned integer and keeps the dialogue open | Pass | 5 |
| Extreme:  Verylongpaddednametofillspace  Maths  20 Hours | Stops the user from typing any more than 20 characters | Pass | 6 |

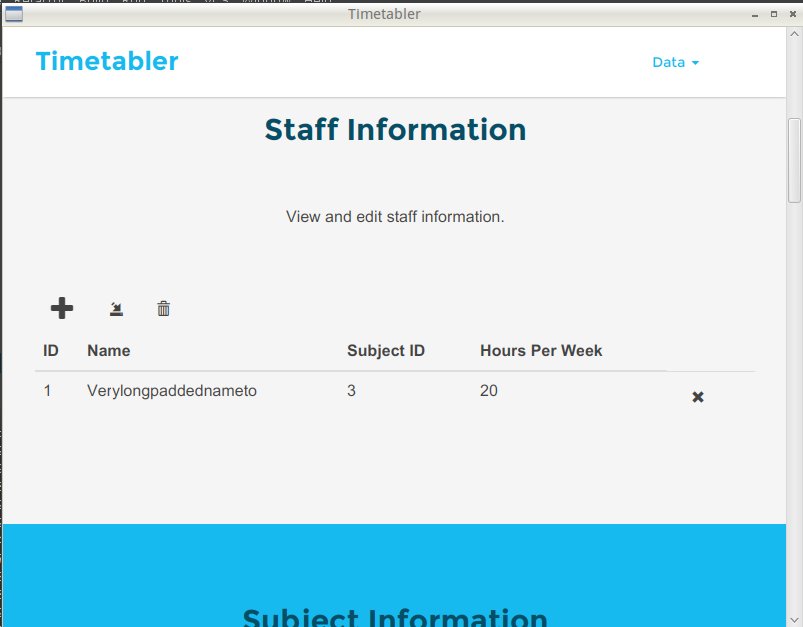
| Test | Description | Test Data | Expected Result | Pass or Fail | Evidence Reference |
| --- | --- | --- | --- | --- | --- |
| 3 | Add Year Group | Typical:  Year 7 | Adds new year group | Fail | 7 |
| Erroneous:  (Blank) | Asks the user for a name and keeps the dialogue open | Pass | 8 |
| Boundary:  Year 65430 | Does not let the user type more than 8 characters | Pass | 9 |
| 4 | Add Class | Typical:  Set 1  Maths  Year 7 | Adds a new class to the table | Pass | 10 |
| Erroneous:  (Blank)  (Blank)  (Blank) | Prompt the user to select data to add to the table | Pass | 11 |
| 5 | Add Lesson | Typical:  Monday 9:30  Set 1 Maths Year 7  (Blank)  (Blank) | Adds a new lesson to the table with -1 in the classroom and staff columns | Pass | 12 |
| Erroneous:  Monday 9:30  (Blank)  (Blank)  (Blank) | Prompt the user to select data to add to the table | Pass | 13 |

1.

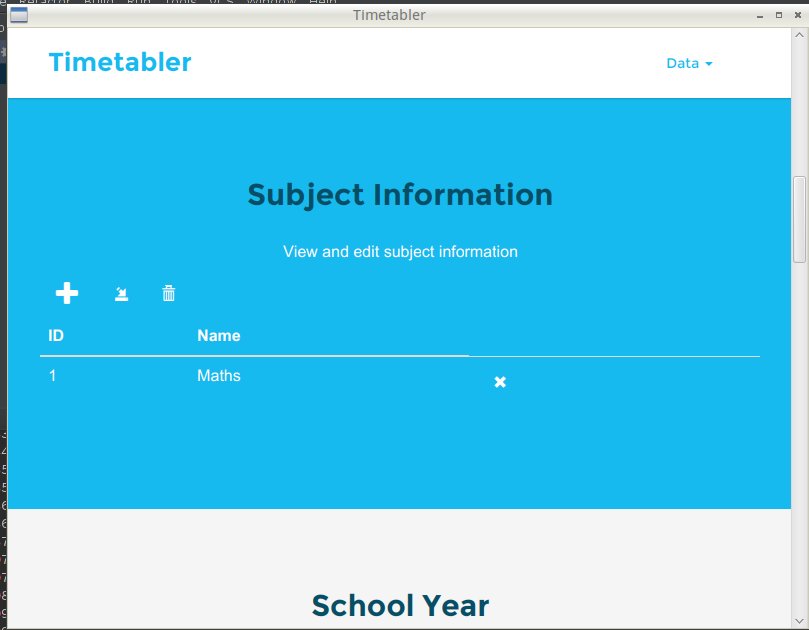
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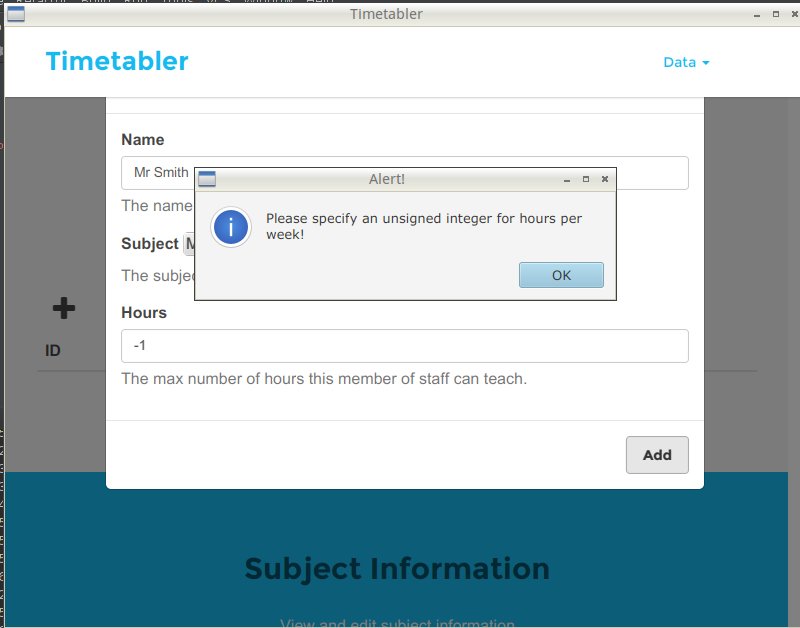
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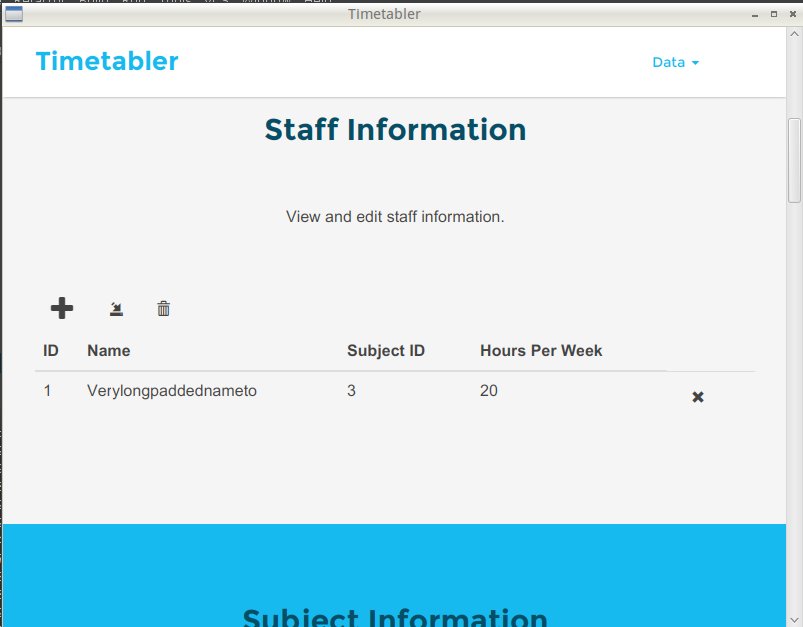
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5.

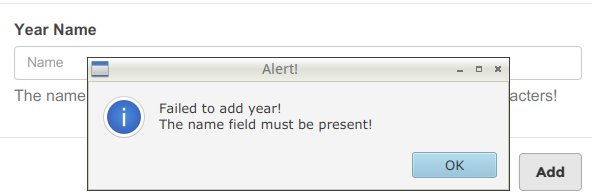


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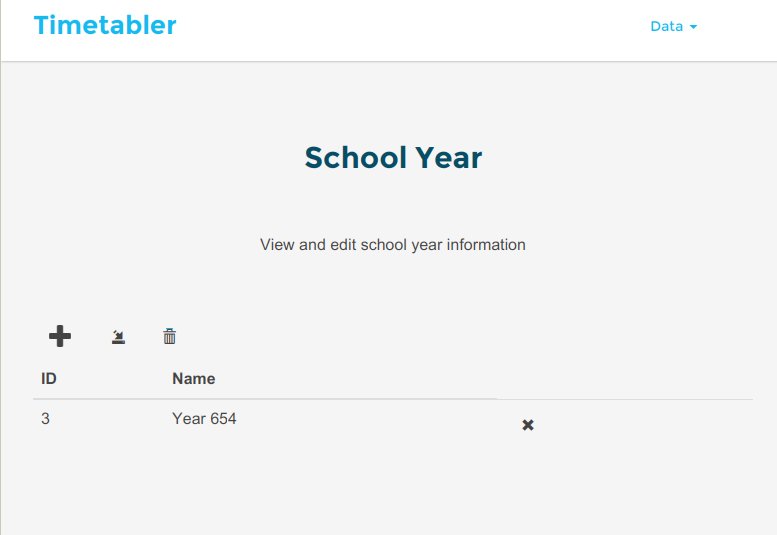


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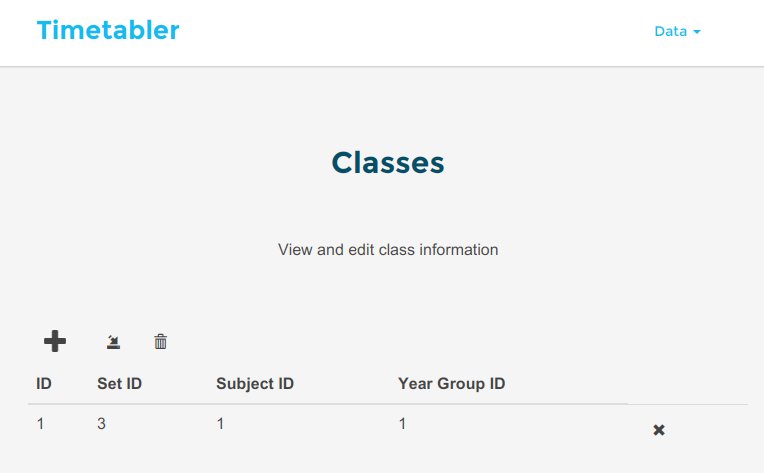
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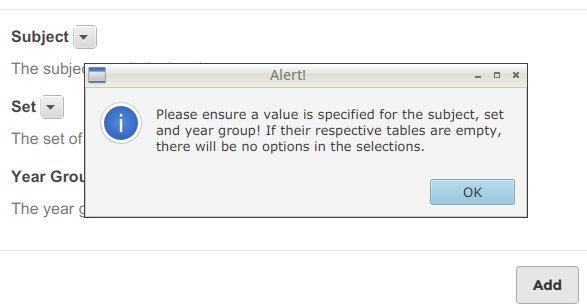
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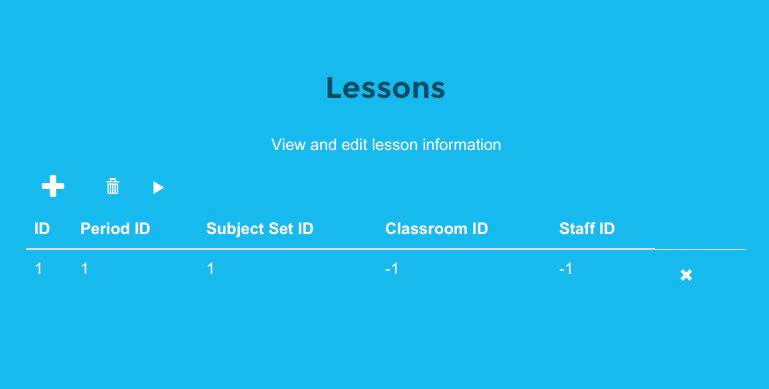


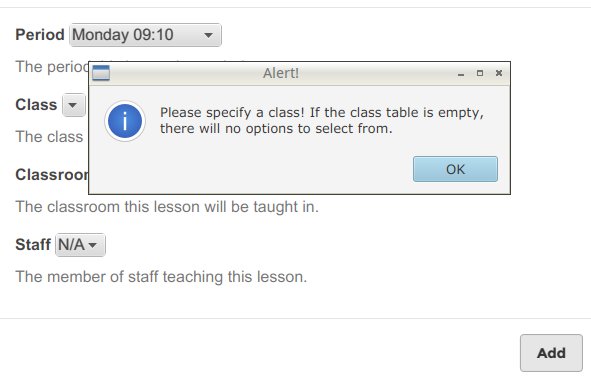
10.



11.

12.



13.

Test Series 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| finalDistance | start | dest | last | distance | destination | north | south | east | west |
| MAX\_INTEGER | 0,0 | 5,0 | 0,0 | 0 |  |  |  |  |  |
|  |  |  |  | 1 | Room 2 | 0,-1 | 0,1 | 1,0 | -1,0 |
|  | 0,1 |  | 0,0 | 2 |  | 0,0 | 0,2 | 1,1 | -1,1 |
|  | 1,1 |  | 0,1 | 3 |  | 1,0 | 1,2 | 2,1 | 0,1 |
|  | 2,1 |  | 1,1 | 4 |  | 2,0 | 2,2 | 3,1 | 1,1 |
|  | 3,1 |  | 2,1 | 5 |  | 3,0 | 3,2 | 4,1 | 2,1 |
|  | 4,1 |  | 3,1 | 6 |  | 4,0 | 4,2 | 5,1 | 3,1 |
|  | 5,1 |  | 4,1 | 7 |  | 5,0 | 5,2 | 6,1 | 4,1 |
| 8 |  |  |  | 8 |  |  |  |  |  |

Test Data

C-Room 1-Maths,,,,,C-Room 2-Maths

0,0,0,0,0,0

0,,,,,Build

0,,,,,

C-Room 3-Maths,,,,,