**Software engineering lab**

**FS22 - Group 21**

**Milestone 1 – Report**

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## Tests

### Unit-Test

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Automatisch generierte Beschreibung

**Description:**

This Unit-Test tests the implementation of the UserValidator class. First, we defined a json body where the moveInDate is after the moveOutDate. This will then be passed to the static UserValidator.validatePostUser() method, which returns an instance of the ValidationReport class (This class is tested separately by a different unit test). The validation report is then saved in the ‘res’ variable.  
After that, two assertions assert that the report does indeed contain errors and that the error is the expected one (by comparing it to a predefined string).

This test is easy to read and understand since it uses descriptive names and is relatively small and focuses only on one task.  
It will help us to discover new bugs regarding the date validation by throwing an error if it would suddenly be possible to create Users with invalid date ranges.  
The selected test is a good example of a unit test, because it focuses on one method only which does exactly one task and returns an easy to check ‘return-type’