

Homework III

Gregory Williams
GW4975

EE 382C Requirements Engineering

11/06/2015

4.1.1

The invariant is violated by Fred who has an ID with length equal to 5. The invariant `StudentIdMustBeLength4` works within the `University` context; it loads all of the `students` that belong to (i.e. are enrolled) at the `University` and checks each student's `id` to see if the length is equal to `4`.

```
contextUniversityinvStudentIdMustBeLength4:self.students->forall(s : Student
```