



## Test Specification

Test Project: Prj235

Test Suite: Prj235 - mfir2142\_IntT

## Scope

Testing project for group 235.

## Test Suite : mfir2142\_IntT

### Test Case Prj235-235: BigBang

#### Summary:

Testare de integrare prin combinarea tuturor modulelor(A, B si C).

Scenariul de executie : P -> A -> C -> B

```
Statistica statistica = new Statistica();
Test test = new Test();
try{
    Intrebare intrebare = new
Intrebare("", "1)var1", "2)var2", "3)var3", "1", "Istorie");
    //A
    controller.addNewIntrebare(intrebare);
    //C
    statistica = controller.getStatistica();
    //B
    test = controller.createNewTest();
}
catch (InputValidationFailedException e){
    if(!e.getMessage().equals("Enuntul este vid!")) {
        fail();
    }
}
catch(DuplicateIntrebareException e){
    fail();
}
catch (NotAbleToCreateStatisticsException e) {
    if(!e.getMessage().equals("Repository-ul nu contine nicio intrebare!")) {
        fail();
    }
}
catch (NotAbleToCreateTestException e) {
    if(!e.getMessage().equals("Nu exista suficiente intrebari pentru crearea unui
test!(5)")) {
        fail();
    }
}
finally{
    assertEquals(0, controller.getAll().size());
    assertEquals(false, statistica.getIntrebariDomenii().containsKey("Istorie"));
    assertEquals(true, test.getIntrebari().isEmpty());
}
```

<u>Execution type:</u>	Manual
<u>Estimated exec. duration (min):</u>	
<u>Importance:</u>	Medium

## Test Case Prj235-236: TopDown

### Summary:

Testare de integrare a modulului C, scenariu : P -> A -> C -> B

```
Statistica statistica = new Statistica();
Test test = new Test();
try{
    Intrebare intrebare = new
Intrebare("Enunt?", "1)var1", "2)var2", "3)var3", "1", "Istorie");
    //A
    controller.addNewIntrebare(intrebare);
    //C
    statistica = controller.getStatistica();
    //B
    test = controller.createNewTest();
}
catch (InputValidationFailedException e) {
    if(!e.getMessage().equals("Enuntul este vid!")) {
        fail();
    }
}
catch(DuplicateIntrebareException e){
    fail();
}
catch (NotAbleToCreateStatisticsException e) {
    if(!e.getMessage().equals("Repository-ul nu contine nicio intrebare!")) {
        fail();
    }
}
catch (NotAbleToCreateTestException e) {
    if(!e.getMessage().equals("Nu exista suficiente intrebari pentru crearea unui
test!(5)")) {
        fail();
    }
}
finally{
    assertEquals(1, controller.getAll().size());
    assertEquals(true, test.getIntrebari().isEmpty() );
    assertEquals(true, statistica.getIntrebariDomenii().containsKey("Istorie") &&
statistica.getIntrebariDomenii().containsValue(1));
}
```

Execution type:	Manual
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Estimated exec. duration (min):	
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Importance:	Medium
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