Politecnico di Milano

MeteoCal

Testing

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1. CODE TESTING

We have decide to test the entity package with JUnit tests because we simply want to verify the correctness of the getters and setters and the connection with the Database(DB)

Then we have tested the manager package. We decided to focus our attention to the classes that works mainly with the entities Users, Event and Notification because they represent the core of our E-R model and consequentially of ours DB's queries.

We tested this classes with Mockito and Arquillan tools seeing the correctness of the main methods of each one, focusing on the methods that involve all these three main entities. In the class test "UserManagerIT" we also test the correctness of password encryption.

2. MANUAL TESTING

We have manually tested the following:

- Mail format condition
- Empty forms
- Already existing user
- Date correctness in event managing
- Privacy constraint
- No self-invitation

All this is done stressing the input forms and checking the graphical output of the systems and also verifying the data in our DB.