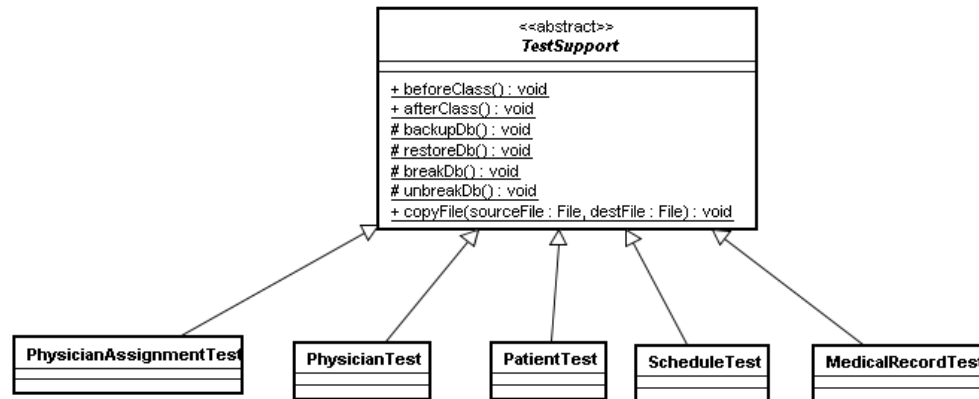**Summary work in 2 weeks**

**Role: Programmer**

I.    Write unit test for 4 classes:
   a.  TestSupport:
       Most of test must connect with database therefore we design abstract class for test
       called "TestSupport" likes below diagram.



   - TestSupport provides methods such as backupDb()/restoreDb() (for the case our test modify database, we should back up it first), breakDb()/unbreakDb (help to spoil database if we want negative tests)
   - Basically each method of model classes has its corresponding test method. Some (for example update()) have negative test (test which expects an exception thrown)
   b.  ScheduleTest: test all method of Schedule
   c.  AssignPhysicanTest: test all method of AssignPhysican
   d.  MedicalRecordTest: test all method of MedicalRecord
II.   Repair final report:

      Write development tools that we used: CloudBees vs HUDSON

III.  Issue:

      The changing role makes many troubles to keep track and improve code.