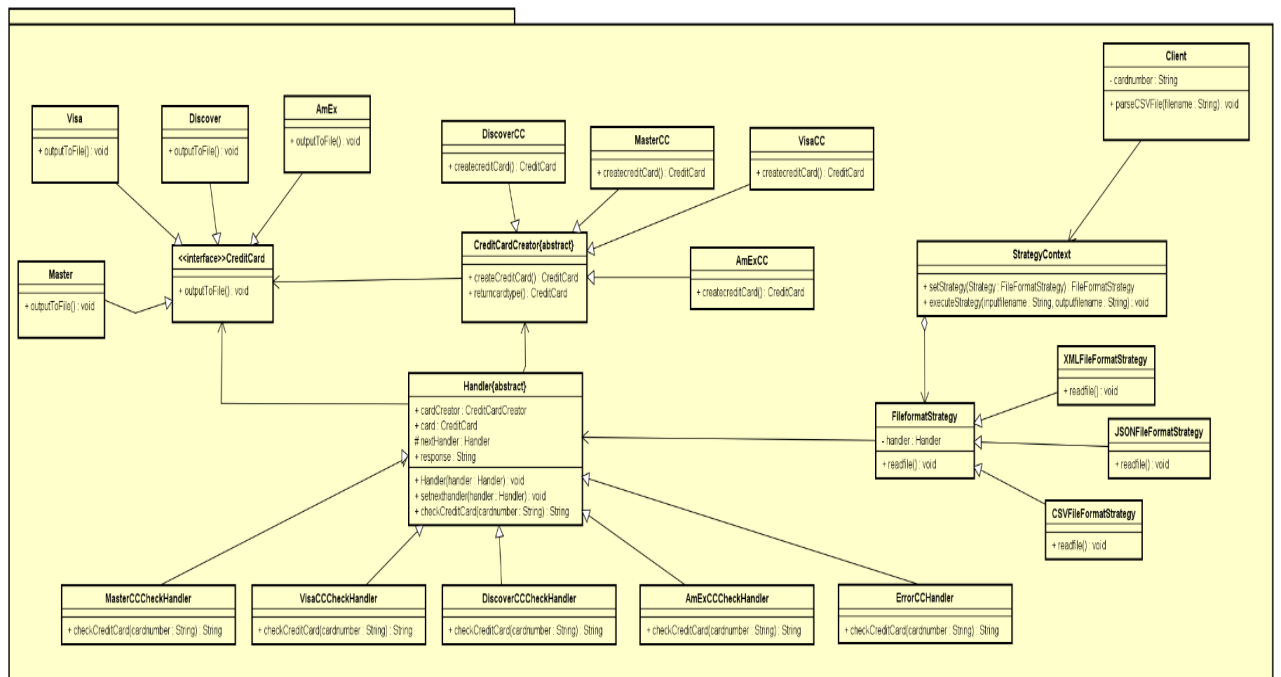


Part 3: Final implementation class diagram.



JUNIT test output:

The screenshot displays an IDE interface with the following components:

- Project Explorer:** Shows the project structure under 'main/java/com.creditcardclassification'. It lists various classes and their coverage percentages, such as 'AmEx' (100% methods, 100% lines covered) and 'FileFormatStrategy' (100% methods, 100% lines covered).
- Coverage View:** A table showing coverage for 'Tests in 'com.creditcardclassification.project''. The table has columns for 'Element', 'Class, %', 'Method, %', and 'Line, %'. The data row shows: 'com.creditcardclassi...', 94% (34/36), 93% (41/44), and 91% (281/308).
- Run View:** Displays the test results for 'ProjectApplication'. It shows a list of test classes with their execution times, such as 'AmExCardCheckerAndObjectCreatorTests' (448 ms) and 'InvalidCreditCardCheckerTests' (2 ms). The overall status is 'Tests passed: 22 of 22 tests - 448 ms'.
- Terminal:** Shows the output of the Gradle build process, including tasks like ':compileJava UP-TO-DATE', ':processResources UP-TO-DATE', ':classes UP-TO-DATE', ':compileTestJava UP-TO-DATE', ':processTestResources NO-SOURCE', and ':testClasses UP-TO-DATE'.