Aviva - AEM Developer Candidate Technical Test

Dear candidate - congratulations on reaching this stage.

Please read the instructions carefully and get in touch with **david.forber@aviva.com** before the test if you have any queries.

The expected time for you to complete this test is around 3 hours but you can use more time if you need it. Please upload to an SCM, e.g. GitHub when you are finished and share the repository link with:

* [**david.forber@aviva.com**](mailto:david.forber@aviva.com)
* [**chris.scott@aviva.com**](mailto:chris.scott@aviva.com)

## Assignment: The technical test is divided in three sections

* **Code Review:**

As part of the Scrum Teams in Aviva, one of your responsibilities will be to ensure everyone follows code standards on their Java Developments.

Review the code files provided to you in “Code Review” folder.

Your task in this section is to highlight as many issues as you can find on the code (the issues can be of the type: style, standards missed, broken code and possible improvements to the code).

Send to us the result of this task as two files one with the original code plus your comments about the issues and other with the java class and the solutions to the issues applied.

You can see a sample into the folder “Sample” under “Code Review”.

* **Unit Tests development:**

All the Java code produced by the Aviva has full coverage by Unit Tests to ensure the correct behaviour of the code in isolation.

Create a suite of Unit Tests for the java class provided under the “Unit Tests” folder.

You should provide the best Unit Tests in terms of code standards, code style and Unit Testing coverage.

You could use Mockito, PowerMock or other Unit Test Java framework you know. The target of the exercise is to provide a clean code with the highest coverage of the provided.

* **AEM Development:**

In this section we expect from you to produce AEM Code (Sling Models, OSGi Services, HTL code, Touch UI dialogs, etc...) as per the exercises.

You can find the different exercises under the "AEM" folder.