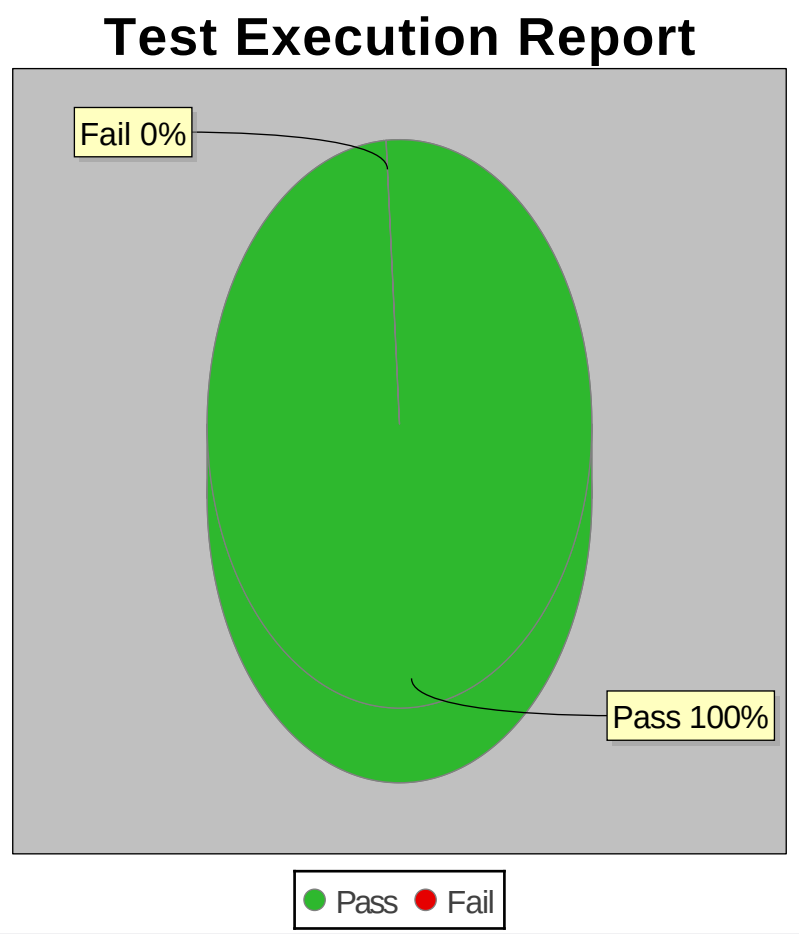iNTEGRATED TEST FACTORY