**AUREOS: Testing**

*Software Validation*

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**THE METHOD FOR VALIDATING AUREOS**

In the light of setting up a workspace for testing and software validation, were chosen two types of testing models: *‘Black Box’* and *‘Monkey Testing’*, since they are able to perform the errors that are able to crash Aureos. Nonetheless, Aureos is a graphic application for smartphones; with the help of Black Box Testing, we will recognize whether the application has the correct performance when a user opens it up as well as the behaviour that it does.

As Black box testing is tested by external people that are not part of the programming team we will choice some external people to carry out the testing and we are going to tell them how the application must run as well as the main objectives of the black box testing.

**OBJECTIVES WITH BLACK BOX TESTING**

First of all, we need that the application opens it up without no interruption or forced close when running application, we need this testing because it is very annoyed for any user when an application closes, most of the people uninstalled application because their cellphones don’t run correctly that application and that will be critical for any company or entrepreneur. In play store there are many application that are not compatible with many cellphones and the most of those applications are at the bottom of the rating.

As second objective we need that the application can recognize every target and doesn’t’ get stuck when changing a target and also all in all, the application must run all the targets, if a target doesn’t work, our programming team will change the function of that target in order to repair it. It’s very important that the target works because our main goal is to replace paper schedule and name of the classroom, Which are pasted on the door of any classroom, by an only target.