

Team GRYBB 3
Daan Hanraads, s2621770
Diana-Alexandra Bozea, s2536196
Dirk van de Ruit, s2508303
Edina Depner, s2457261

Testing report

Types of testing techniques	Used?
Unit tests	No
Integration tests	Yes
User tests	Yes

Unit tests

Due to the limited amount of time and not having a complete team, we have decided to not focus on Unit testing. While important, we have tried to facilitate as many functionalities as possible.

Integration tests

In order to test the way the entire system is integrated, we have run multiple black box type tests, mainly System testing, when we would create scenarios that we would carry out, in order to test the main functionalities using the Big Bang approach. We have also run integration tests for smaller parts of the system, using the Top-Down approach, starting with the login and sign up units, then further adding components.

User tests

In order to do user testing we have asked some of our peers to complete a few tasks on our system, fulfilling the roles that we have created according to the client requirements. An example of this would be a person acting as a field engineer and planning a trip to a certain park, and “watering” a tree, by logging an added quantity of water and viewing if a change has been made in the way the tree is displayed on the map.

We have not conducted very difficult test scenarios due to limited time and lack of a complete team. Also because of this we have mainly focused on the employee experience, as we have deemed it to be the most important.