

System testing is carried out in a planned manner according to the system test plan document. The system test plan identifies all testing-related activities that must be performed, specifies the schedule of testing, and allocates resources. It also lists all the test cases and the expected outputs for each test case. It ensures that the system works accurately and efficiently, before live operation commences. It helps in the noting and correction of errors.

6.2 TESTING METHODS

6.2.1 UNIT TESTING

Unit testing focuses on verification efforts made on the smallest unit of software design, a module. The modules are tested separately and this testing is carried out during the programming stage itself. The project can be divided into modules: Contract management, Task scheduling, Data management, Reporting and Feedback. Each of these modules contain multiple forms, which have been individually tested. The module interface is tested to ensure that information properly flows in and out of the program unit under test. It is ensured that each module works satisfactorily with regards to the output expected from it.