



## **TESTING PLAN**

- 1.** Check if the total no. of houses is equal to the number of Isolation and enclosure houses.
- 2.** Check if total area of Sanctuary is equal to the sum of Isolation and Enclosure Areas.
- 3.** Unit Testing for constructors of Sanctuary, Insolation, Enclosure, Monkey Class for using valid attributes.
- 4.** Test if each Isolation chamber holds only one monkey.
- 5.** Test if same species of monkeys enter the Enclosure Cages which are of same size.
- 6.** Check for the remaining area in enclosure cages before sending a new animal in their.
- 7.** Test the sign method if correctly displays the monkey details like sex, name, favourite food.
- 8.** Check the lookup Species and Name method for displaying monkey in alphabetical order with their correct location.
- 9.** Check if the monkeys are correctly assigned to their weight class category or not.
- 10.** Check if the monkey of a particular weight category id taking the designated space or not.
- 11.** Test the food quantities bases on their sizes.
- 12.** Check the total amount in shopping list if it is equal to the quantity of favourite food of all monkeys.
- 13.** Check the entry method if new monkeys are going to Isolation cage or not.
- 14.** Check the transfer method to check if the monkeys are moving from Isolation to Enclosure cage or not.
- 15.** Check if the monkey transferred to Enclosure is healthy or not.
- 16.** Test if the particular species of monkey is not present, it is should report this as a fact.
- 17.** Check if the Sanctuary has ability to upgrade or degrade if the funds are provided or not.