Kanika Dewan

CS 401 Software Engineering

Prof Christopher Smith

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**JUnit Testing Plan for Vehicle Class**

Testing the code before combining or presenting to other is one of the important parts to ensure the proper working of the code. When code is divided into parts, every part itself should be working so that when the code is combined it doesn’t create a hurdle to find the error.

Here our code is divided in three parts, Client class, Payment Class and the Vehicle class.

We have a team of three people who are working on Client and Payment class. We decided to test our own classes and then attach it together.

I am working on the Vehicle Class, which should ensure that the Vehicle information should be correct and sufficient for the proper functioning of the FasTrak. Here are some test cases that I have planned to test in my code:

Test 1: Only one dash id should be created per user

Test 2: User should be able to add more than one vehicle

Test 3: It shouldn’t proceed until the user had entered a valid number of Vehicles

Test 4: Number plate of Car should be 7-alpha-numeric character long.

Test 5: It shouldn’t proceed until the user had entered a valid number plate.

Test 6: Pair of axles should be more than two