**Case Study 6:**

**By the above DMS (Delivery Management System) of (Fast and Trust Delivery Service)Co,Ltd.**

**Task 2: Development plan for DMS**

* **Time Saving for the customer that every moment is provided to the delivery driver**
* **Improved Services**: **Through building up a 24/7 connection with the customers**
* **To deliver right product to right buyer at the right time selected by the buyer**
* **Get full overview of every delivery**
* **To deliver order on time or earlier from the date by keeping everyone updated**
* **Payment Gateway: User can pay online through the application with payment gateway integration**
* **Delivery Orders with Map Location Online**
* **Use digital proofs of delivery: signatures, photos, notes.**
* **Deployment Plan**
* **Identify the resources required to support this product, including facilities, hardware, software, associated documentation, staff, etc.**
* **Describe any expected areas of change to the product.**
* **Deliver Information: Name, Address, Phone, etc.**
* **Third Party Integration**
* **Tracking System& Route Optimization**

**Task 3: Write down testing type of system**

* **Unit Testing**
* **Component Testing**
* **Smoke Testing**
* **Integration Testing**
* **Regression Testing**
* **User Acceptance Testing**
* **System Testing**

**Task 4: Write down the test plan, test data and function are will be maintenance functions?**

* **Test Plan for DMS**
* To determine the scope and the risks that need to be tested and that are NOT to be tested.
* Documenting Test Strategy.
* Making sure that the testing activities have been included.
* Deciding Entry and Exit criteria.
* Evaluating the test estimate.
* Planning when and how to test and deciding how the test results will be evaluated, and defining test exit criterion.
* The Test artifacts delivered as part of test execution.
* Defining the management information, including the metrics required and defect resolution and risk issues.
* Ensuring that the test documentation generates repeatable test assets.
* **Test Data for DMS**
* Always make sure that Test data files are **not corrupted**
* Test Data should be **updated** on a regular basis.
* Test data should be created before test cases execution to save time and meet deadline.
* Tester can take developer’s help to create test data
* Test data should have invalid inputs to test negative scenarios.
* Testing user data in login page: username, id, email, password.
* **Maintenance functions**
* **Maintaining accurate up-to-date hardware and software inventories**
* **Increased opportunity to use contract maintenance more effectively, as work of a similar**
* **Quality assurance: Security, Audit, regulatory compliance network and user personal**
* **Remote button for delivery management system**
* **Modify, delete, save if cancel orders**