**Ex2**

**Overview**

Tony Carasco is the President of Orange Computer. Orange Computer was founded in 1978 with the help of his three friends. Tony was the genius behind the technology that orange used. Orange manufactured small personal computers which were user friendly.

Tony designed a small system to record sales and profits. In the first five years of the inception, sales of Orange increased by almost 200%. The products were becoming extremely popular. The company hired 120 employees to keep up with the demand and also added 10 different product lines of personal computers ranging from 10” monitor to a 24” monitor.

**Reason To Replace The Present System**

Soon Tony realized that the origin “small” system he had designed to keep track of the sales and profits will not be sufficient to keep records of numerous sales/products. He contacted, Alan Scott the Vice President of R&D and gave the requirements to develop a “Sales System” for the Company.

**System Requirements:**

1. Tony knew that the new system should be able to handle product line of 40 different products.

2. System should accommodate 200 sales people and sales data of 30, 000 customers.

3. System should be accessible by his 11 warehouse clerks.

**Response Time:** should have a quick response time.

**Environment**

1. The new system was to run on IBM mainframe.
2. The warehouse clerks had IBM PCs on their desks.

**Reports**

Tony Carrasco also wanted several reports produced by the system which indicated

1. monthly sale $ total
2. products that were sold
3. which sales person sold the products
4. products that were returned
5. which employee received the returned products.

**Delivery Time frame**

Due to the Christmas season. Tony wanted to get the new system fully operational by Dec 1st.

**General**

Tony Carasco knew that his developers did not have enough time to develop and fully test that Sales System. He decided to have his developers develop the system and planned to hire his friends, Joe Blank, Mike Brosne and Jon Underwood for testing the system.