



Islamic University of Technology

Board Bazar, Gazipur, Dhaka, 1704, Bangladesh

Solution to Case Study-1

ASSIGNMENT

HUM 4441 - Engineering Ethics

Khalid Hasan Ador

ID : 210042102

BSc in Software Engineering

Dept of Computer Science and Engineering

January 20, 2024

Contents

1	Solution	2
1.1	Ship The Product	2
1.1.1	Advantages	2
1.1.2	Disadvantages	2
1.2	Don't Ship The Product	2
1.2.1	Advantages	2
1.2.2	Disadvantages	3
1.3	Reasoning	3

Chapter 1

Solution

The dilemma here is whether to ship the product even though it will cause data loss for the customers or not to ship the product. Let's see the advantages and disadvantages of each decision.

1.1 Ship The Product

1.1.1 Advantages

1. Her company will still be in the race for market dominance.
2. A lot of people will keep their job.
3. Her company will continue to earn money maybe without losing customers.
4. The product won't cause physical harm to the customers.

1.1.2 Disadvantages

1. Customers may lose important data (Minor likelihood).
2. Customers may lose trust in their product.

1.2 Don't Ship The Product

1.2.1 Advantages

1. Customers won't lose important data.
2. Customers won't lose trust in their product.

1.2.2 Disadvantages

1. Competitor Company will take over the market.
2. If her company suffers a financial setback, a lot of it's employee may loss their job.

So, from the above study, I think she should ship the product.

1.3 Reasoning

She will decide to ship a product only when the product has minor likelihood of failure resulting in data loss for the customer. Let's focus on the word **minor likelihood**. So it is guaranteed that the chances of failure is less. So, if she does ship the product she will safe a lot of people's job sacrificing only some peoples data loss. The situation would be different if the product could cause any physical damage. As it's not doing that she can ship it in my opinion.

THE END