



Professional Issues, Ethics and Computer Law (CS5052NI)

Course Work 1

Submitted By: Manish Giri
Student ID Number: 16034959
Group: L2N1

Word Count:

Submitted To: Lecturer IT Faculty: Adesh Tandukar
Submission Date: 05/15/2018

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INTRODUCTION

In this report we investigate and research about the Volkswagen (VW) diesel car scandal, which was first reported on 2015 September for the emission scandal which is also been dubbed as “Diesel Dupe” (VW) Volkswagen (Hotten, 2015). Many giant corporations including the General Motors and Toyota have their own scandals however the Volkswagen’s company that owns the 70 % of the U.S. passengers automobile diesel market is one in all the key incident hassle for cheating on the diesel emission tests even once they marched with their company pride on the Washington with a squadron of Audi TDI models that has been prompting for the “clean diesel” as an alternate for the hybrid and electrical vehicles that were presupposed to be atmosphere friendly (Atiyeh, 2015).

Environmental Protection Agency (EPA) is an organization which checks the integrity of the information provided on the vehicle by the company is accurate but the Volkswagen one of the leading car companies of the world has been deceiving the EPA. For their check results once tested by Environmental Protection Agency the Volkswagen Company had put in a “defeat device”, or computer code within the diesel engines automotive that was able to observe after they were being tested and was dynamic the automotive performance consequently to improved results (Hotten, 2015). In the test mode the automobile were totally in compatible mode with all the federal emission levels and through the traditional length the code or program switches to a separate mode that considerably changes the fuel pressure, injection temporal arrangement, exhaust-gas recirculation that helped them to achieve higher mileage and deliver additional power however it additionally produces heavier nitrogen-oxide emission (NO_x) that results in the upper level of the pollution connected with the carcinoma and additionally the forty times larger than the EPA federal law limits (Atiyeh, 2015).



Figure 1 Volkswagen Scandal test performed by Gregory Thompson and his team (Statt, 2017)

The Volkswagen scandal was brought in to the peoples by the Gregory Thompson and his students who played a vital role on catching VWs cheat, Thompson and his research group was contacted by the International Council on Clean Transportation (ICCT) a Non-profit organization who performs various tasks to improve environmental performance and energy, The ICCT asked Thompson and his group to study diesel passenger cars with sophisticated mobile exhaust testing equipment his group has designed to test diesel exhaust during real-world driving unlike on a dynamometer so the VWs did not get the chance to switch into the clean mode and provide false reading (Hess, 2015). As more for this report the Legal, Social, Ethical and Professional issues has been described below.

LEGAL ISSUES

Volkswagen which finally admitted to cheating the diesel emission tests within the United States is facing the large pressure and additionally the greatest biggest business scandal in its seventy eight years history. the corporate was to be conducted with full investigation united to be appointed to U.S. law firm. Legal specialists says that the VWs German manufacturer goes to face the many legal issues, together with potential criminal charges to be baby-faced for that of the eleven million of its diesel vehicle oversubscribed worldwide that contained code specifically designed to assist cheat the emission tests that additionally follows the Clean Air act fines up to \$37,500 for every 482,000 suspect and VWs oversubscribed within the us solely probably targeting quite \$18 billion settlement (America, 2015). According to the Volkswagen's statement, revealing data gathered at this point may additionally jeopardize the credit that the VWs could expect to receive within the full event of its full cooperation with department of justice. VWs must give additional data {and the|and therefore the|and additionally the} names of the everybody concerned within the emission cheating and tipping of it's known to this point it would build it tough to pinpoint others World Health Organization can be accountable that also helps them to decrease the sentence relating to VWs however If the Justice Department thinks or finds that VWs has not provided the knowledge that results in the scandal or taken the shortcuts in finishing the investigation than the value of the settlement are going to be inflated by combination the perception that the corporate was but the once the knowledge concerning the scandal 1st arose and whereas getting in very cheap of it the one who area unit accountable and whether or not anyone in senior management was aware of or encouraged will be charged and if VWs willingly provides the names then the VWs can receive the credit for serving to as they cooperate with the Justice Department (Henning, 2015). According to the William Carter, a former federal prosecutor in Los Angeles who specialized in environmental crimes and served as general counsel of the California Environmental Protection Agency. Volkswagen is also facing a huge problem of possible state and federal enforcement actions, and a potential large number of violations including administrative, civil and criminal. (Al Jazeera America, 2016) The United States District Court for the Northern District of California also approved a Partial Consent Decree that partially resolves Clean Air Act and California claims against VW for the use of the defeat devices in their 2.0-liter diesel vehicles

SOCIAL ISSUES

Volkswagen (VW) is within the one amongst the highest leading automobile corporations that automobile users are worldwide and with the large variety of clients the corporate has designed the company social responsibility, property has occupied an excellent vital place on the world company agenda with AN continuously increasing the numbers of the corporation increasing the business practices to form the social and business worth (VW, 2018).



Figure 2 Volkswagen Customer Protesting for the emission scandal (Agency, 2017)

Many huge transnational corporations have caused several scandals that caused the degradation of the businesses' credibility and accuse the businesses for deceptive data to their customers, well the corporate is facing the legal charges and investigation is additional followed upon and also the settlement worth has been set however what's rather more troublesome to estimate square measure the long run effects of the corporate with like the negative impact of the brands on the client satisfaction, and loyalty of the corporate, thanks to the deception it's caused on the client the social problems it created can lose the trust of the client and can be hardly to regain it for the corporate (Merrill-Sands, 2015). Due to the effect in human health which people could not ignore because these fumes coming out from the Volkswagen cars cause inflammation of the airways and worsen breathing for anyone and

Long term pollution which their cars were making will cause death. Volkswagen gives us a stark lesson in how businesses should approach social responsibility and sustainability. Cheating stakeholders by playing lip-service and treating sustainability as façade is never going to deliver true value for the company nor for society. Business value is created when social responsibility and sustainability are embedded in the company's culture and core business strategies. (CNNMoney staff, 2015)

ETHICAL ISSUES

Ethics should have been came in their ways of thought while committing such a low handed task by such a multinational company A company cost \$18 billion in U.S. itself with 11million diesel car sold. The engineer and the worker of the company how can they act with their self-righteous act which they only thought of profiting themselves putting aside their image of the company and each of the employee who obeys the laws, regulation and internal rules applicable to their working environment and acts in accordance with the group values and the Code of Conduct but where is there Code of Conduct while performing this wrongdoing which also affect the environment and the people health as well, Those employee who were on the scandal act doesn't act upon their ethics they didn't think ethically as the ethics is not something people learn it is the peoples habit of acting up for something good it also affect their image with their family and friends so the ethical issues regarding this scandal has VWs worker at high stakes here (Looh, 2015). They conjointly acknowledged that it had been the work of many rogue engineer however it can't be the work of the few scalawag engineers as a result of the implication of the devices has gone all the far to the company ladder. VWs scandal device was widespread among the product of the corporate if it had been done by some rogue engineer they might have tested with wisdom and updated. this can be the one amongst the businesses greatest maleficence that affects people's health and everyone UN agency worked on this realize it was unethical and have performed this task for his or her personal edges (Patel, 2017). In some point this incident goes way back beyond compliance says "We ought to move off from this compliance mind-set and accept how ethics education may well be

integrated. tons of your time they'll bring somebody like me to show engineering ethics, however engineering faculty member aren't expected or inspired to introduce ethics into their curricula. till that happens, things are wanting optimal". therefore this unethical behaviours from the chief operating officer of the corporate, senior executives of the corporate, superordinate board members and software package engineers UN agency developed cheating device they must have created the moral call supported the best sensible for the good range and will have created honest with the client within which they created individualism approach for themselves (Valor, 2017).

PROFESSIONAL ISSUES

VWs is not some company who doesn't have an professional worker on their company it is a multi-billion dollar company mostly every one of them with the great education and knowledge with professional skills are employed, and for such a large company to get caught in the scandal (Hotten, 2015).



Figure 3 Volkswagen CEO Martin Winterkorn (Money, 2017)

It leads what were the professional thinking making this wrong decision Martin Winterkorn as the CEO of the VWs was fully aware of what has happening beneath in his company and he also took part in it the company with the millions of customer and the service provider doesn't think professionally instead for stopping the software engineers and making them face charges he also agreed with them it only did not also affect the customer but also the company's image, software engineer are the professionals whose knowledge and skills is to be used for the betterment of the world instead they used to fool the world and fraud and damage the environment and also to damage people's health and the R & D team and mechanical engineer team is to be expected to come up with the idea of the new greenest technology for cars which they did exactly opposite they should be making new innovative design for the environmentally beneficial and also be beneficial for the company and they thought of the company profit only as for the Other Professional Issues the VWs whole company is a failure what was the other board members of the company doing playing along with the plan of the others it is the brand which has been making customer believe and making promises to bring new better technology instead they fooled the with was professionally failure of the company, If the company cannot provide the satisfaction it promised to the people then it is a failure but fooling the peoples is more than that (In, 2015)

PERSONAL DEVELOPMENT PLANNING

In this report we talk about the VWs scandal and we share many ideas which are ethically, legally, socially and personally too, while writing this report we have to perform various research the content of the cause of the scandal and also a large multinational company act like that by putting aside their ethics and professionalism and not thinking about the laws (Valor, 2017). From this report what we developed by ourselves we should always have the planned ahead of us in realistic terms for the targeted group of employees of the company they lacked the personal development planning a Multi-billionaire company as well as a world re-known company with a million customer should have planned more professionally and ethically thinking about the peoples and the environment and also thinking about socially too what would be the consequences if the company acts unethically and acts mischiefs instead of

creating a new innovative ideas for environment friendly and good for people health they made their customer with lie and make them backfire at them from which point the user of the VWs car will decrease and the reputation of the Company is ruined, So for to regain the trust and pride of the company they have to apologize to the customer and should plan to establish the better plan for the new design of the vehicle with environment friendly and should be able to provide to the previous affected vehicle at the low price with the modified vehicles. (studies, 2017)

So, it gives us the great experience for our personal development and this will help us out for the better judgement and to think about it Legally, Ethically, Socially and Professionally.

CONCLUSION

In this report we have learned about the Volkswagen scandal and its scam where it has caused effects and why such a great company acted way out of its way and the cause of the scandal were made by some researcher and his students and how they built such a device to make people fool and also to fool The emission test conducted by the EPA, In this report we explained the scandal and what were the causes and how it was brought to justice and how the company should have thought about it Legally, professionally, ethically and socially and how the company take the loss and how much company is paying for the settlement and its new plan for gaining the peoples or customer trust.

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