



EAST WEST UNIVERSITY

Mini Project - 3

Project title: Ethical Dilemma

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Section: 01

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Opposition Report

Summary of the opponents' scenario and ethical dilemma:

Ethical Dilemma: Self-driving Car Brake Failure

From their scenario we figure out the ethical dilemma as well as the main plot all are describe in bellow:

Situation: A self-driving car with an elderly passenger in his late 80s is traveling on a single lane. A young man in his 20s is crossing the road.

Brake Failure: The car's map indicates that it should slow down and brake, but there is a sudden brake failure.

Nearby Tree: The map also shows a tree located on the side lane nearby, within a short distance.

Ethical Conflict: The self-driving car faces an ethical dilemma as it must make a decision given the brake failure. The options are:

- **Continue Straight:** The car can continue straight, potentially colliding with the young man, which could result in serious injury or even death.
- **Swerve:** The car can swerve to avoid the young man but might hit the tree, potentially causing damage to the vehicle and potentially endangering the passenger's life.

Ethical Principles at Stake: Several ethical principles come into play in this situation, such as:

- **The value of human life:** The car must consider the potential harm to the young man and the elderly passenger.
- **Duty to protect:** The car has a responsibility to protect the well-being of its passengers.
- **Avoidance of harm:** The car should minimize harm to both the young man and the elderly passenger.
- **Minimization of damage:** The car should attempt to minimize damage to itself and other objects.

Resolution: Resolving this ethical dilemma requires the car to weigh and prioritize these ethical principles and make a decision that aligns with the programming and design guidelines of the self-driving system. The decision made by the car could have legal, social, and moral implications.

Strongest aspect of the opponents' work:

The strongest aspect of this work is the comprehensive analysis of the ethical dilemma presented. It covers various perspectives, stakeholders, and ethical theories, providing a thorough examination of the situation. The description includes a clear summary of the dilemma, the potential consequences of different actions, and the application of ethical principles.

Weakest aspect of the opponents' work:

The weakest aspect of this work is the lack of consideration for alternative solutions or options that could potentially mitigate harm to both the young man and the elderly passenger. While the decision is ultimately made based on utilitarian principles, exploring other possibilities and discussing their feasibility could enhance the analysis.

Their Analyze consequences, risks, benefits, harms, and costs for each action Considered section they did not said the harms and cost part.

From their work the Kant's, Mill's, and Rawls' approaches: section we see they said "Kant's approach there is no relation with their scenario" but Kant's said rule is rule you can not break the rule.

Finally, their decision they did not said which approaches of the act and rules section.

They did not say proper justification why they should hit the tree and risked the old man.

Suggestions/Criticisms to the opponents' decision:

While the decision made based on utilitarian principles has been justified, it is important to acknowledge that this decision may still raise concerns and criticisms. It is essential to consider the following points for further exploration:

They said they should hit the tree. But if the driving car face any person Infront of the car then how the car recognized that the man is old or not? If deploy the functionality that self-driving car should the accident in that case maybe it is possible to every where the accident will be happened.

- **Value of human life:** The decision prioritizes the life of the young man over the elderly passenger. Some may argue that valuing one life over another solely based on age could be seen as ageism or discriminatory. Further exploration of the moral implications of this prioritization would add depth to the analysis.
- **Risk assessment:** The analysis focuses on the potential harm caused by hitting either the young man or the tree. However, a more detailed risk assessment could be conducted, considering factors such as the likelihood of survival, severity of injuries, and potential long-term impacts. This would provide a more nuanced understanding of the consequences of each decision.
- **Legal and social implications:** The discussion briefly mentions that legal procedures would follow the accident. Expanding on the potential legal consequences and the impact on public perception, trust, and regulation of self-driving cars would provide a broader context for the decision.
- **Transparency and public involvement:** In ethical dilemmas involving emerging technologies like self-driving cars, involving the public in decision-making processes and ensuring transparency becomes crucial. Discussing the importance of public input and the role of policymakers, regulators, and industry stakeholders in addressing these dilemmas would enrich the analysis.

Overall, this decision is complex and based on their decision it would be harms for the citizen life.