

1. **The truck is more suitable for a long trip.** Designed for 800 km per one fully charged, this autonomous car able to almost cross the whole Java Island (a Long trip for around 16 hours)
2. **The speed limit of the truck is low in a crowded city.** The drivers need to drive at a low limit speed because of its traffic
3. **The wage of drivers is low. One of the compositions for the variable cost is driver wage.** The low rate of wages can lead to the low expense the company's need to spend.

5.2 Suggestion

From this report, there are some aspects can be developed from this simulation case for the next study material, consists of:

1. The measurement of the environmental aspects (low carbon)
2. The number of trucks optimization
3. The long route modeling
4. Risk mitigation analysis

References

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Biographies

Rizky Yonathan is a penultimate undergraduate student majoring in Industrial Engineering at University of Indonesia. His research interests include supply chain management, logistics, simulation and modelling, system thinking. Rizky is also a Laboratory Assistant of Systems Engineering, Modelling, and Simulation (SEMS) at Industrial Engineering Department. He has gained the third winner place in an internal competition Kanban Games.

Sabrina Putri Kinanti is an undergraduate student at Industrial Engineering, University of Indonesia, currently looking for opportunity to research about simulation, supply chain, and system thinking. She has achieved the third winner place in a business case competition which brought up disruption era to financial technology as their topic.

Zahra is a penultimate undergraduate student at University of Indonesia majoring in Industrial Engineering. She has been awarded the third winner position in a marketing competition. Zahra holds keen interest in management and sustainable development.