

Introduction

- ▶ This project is to create an autonomous car that is based on an software-defined network (SDN). On the car is different sensors placed to monitor the performance of the car and all this information is used in a control unit to control the car. The information providers and the consumers have to be connected and this is done via an SDN network there a control unit decides how the packet should be sent via the network. The information providers in the car is ultrasound to measure distance, object recognition and speed sensor.

Network

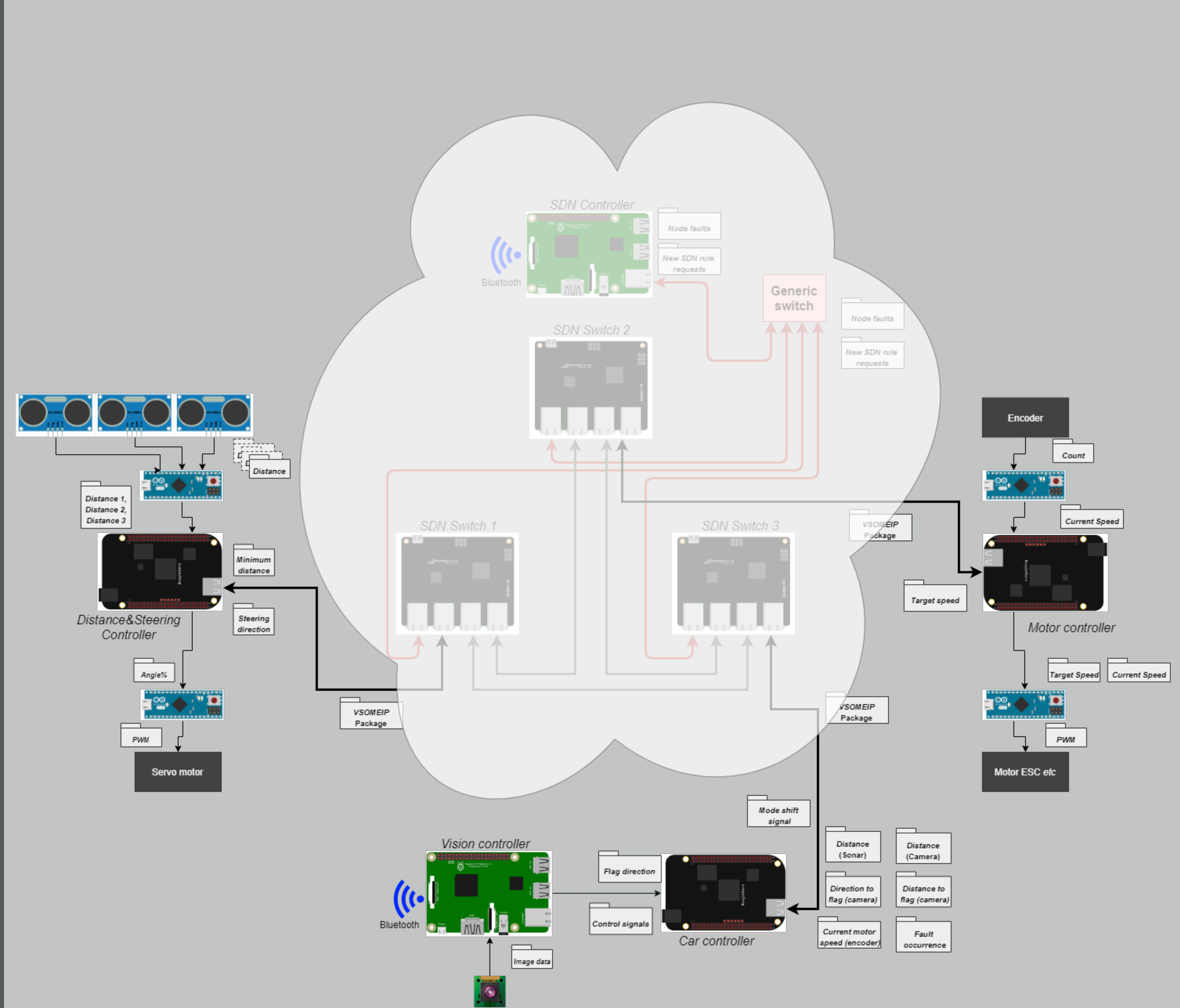


Figure 1:Network topology

Control and sensors

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Mathematical Section

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- $$X \rightarrow r(X) = \arg \max_c \left\{ \max_n \left\{ \sum_{x_i \in X} \delta(x_i, Y_{n,c}) \right\} \right\}$$
- ▷ Cras faucibus scelerisque cursus. Proin ut vestibulum augue. $\delta(x_i, Y_{n,c})$
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Results: Table

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Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table 1:Table caption

- ▶ Sollicitudin Vel Orci
- ▶ Maecenas Ultricies Feugiat Velit Non Mattis.

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table 2:Table caption

Results: Figure

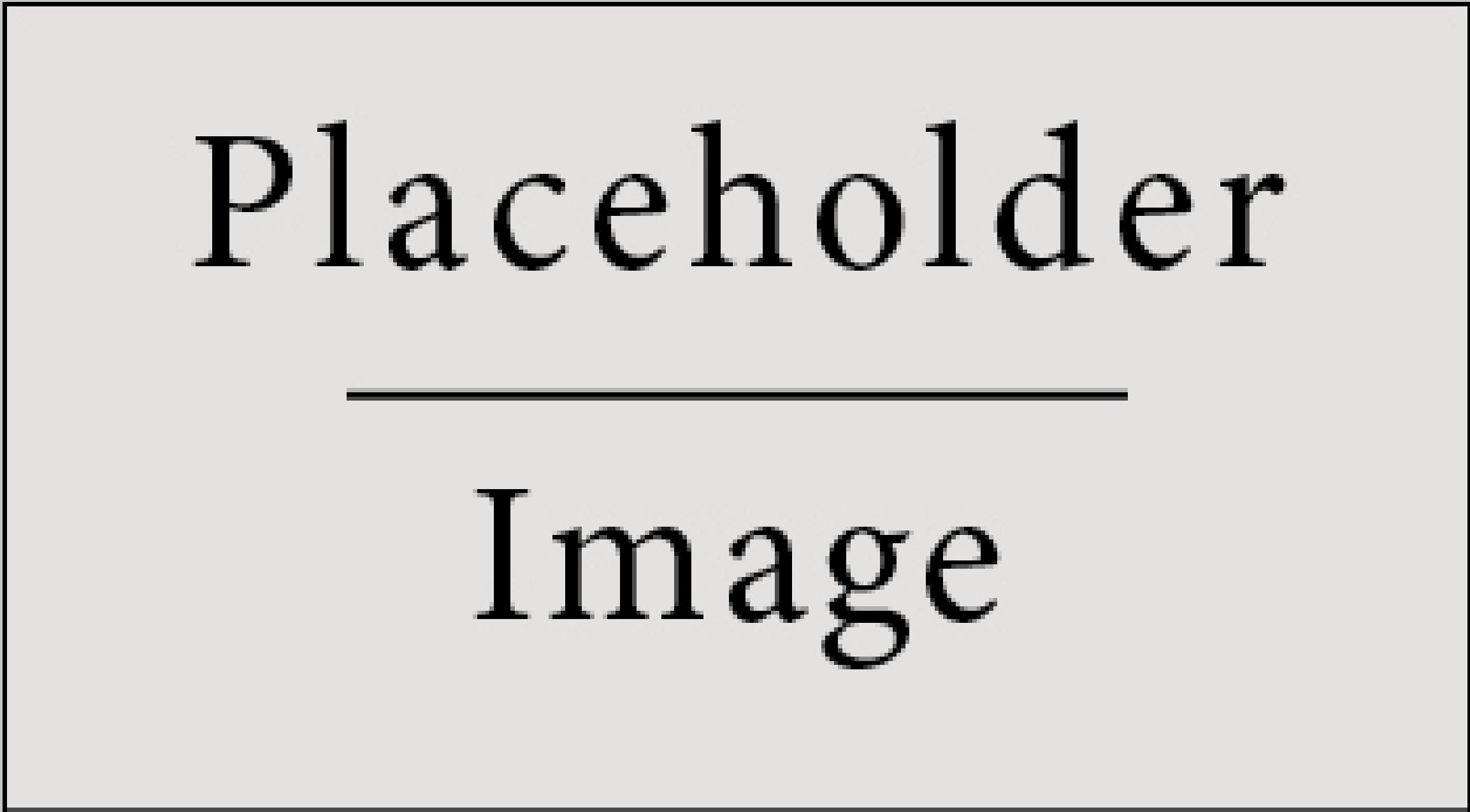


Figure 2:Figure caption

Conclusion

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- ▶ Nulla eu erat a urna laoreet auctor id a turpis. Nam mollis tristique neque eu luctus. Suspendisse rutrum congue nisi sed convallis.
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Acknowledgments

- ▶ We want to thank the project owners for their support they have given us under this project.

Prodject Information

- ▶ Github: <https://github.com/fhyy/MF2063-ESS-NW-CAR>