**Project proposal EngD Automotive Systems Design / Mechatronic Systems Design**

1. **Title:** …
2. **Sponsor** [ ] [Function: Assignment provider]

[TU/e EngD ASD/MSD] [Function: Facilitators]

1. **Context**

…

1. **Assignment description**

…

1. **Goals of the project**
2. ...
3. ...
4. **Deliverables**
5. Report on …
6. Working demo on …
7. **Required expertise**

* …

1. **The added value**

*For company*:

1- Demonstration with … which can be used for ..

*For the trainees*:

1. Learn about …

**References**

..

**Project criteria:**

* **Company has a product idea, or a challenging problem with a product to solve.**
* **The assignment includes a design challenge in the robotics, mechatronics, or automotive domain.**
* **The assignment includes challenges in automation or electrification (system modelling, system control, sensors, data analysis, and/or artificial intelligence).**
* **Period: September 9 – October 25, 2024. A few other activities are planned within this period. The trainees are each supposed to work 238 hours (8.5 EC) on the project.**
* **Team: 3-4 EngD trainees from ASD and/or MSD.**
* **Host: EnDg office garden, TU/e (some company visits can be arranged), or at location of the company when located in Eindhoven or region.**
* **Required resources from the company: Project stakeholders (e.g. product owner, and architect/technical expert) may need to spend time for the initial phases and then feedback sessions. Approx. 2 hours per week including emails, stakeholder meetings, demo feedback, evaluation, etc..**
* **Deliverables: All the results will remain the company’s property. We can sign an NDA for the project, if required.**
* **Fee: Free of charge, only compensation for travel costs, if it is required to work at a location which is outside of Eindhoven/Son en Breugel/Best/Veldhoven/Nuenen.**