**Assessment form communication and product satisfaction**

I = Insufficient, M = Mediocre, S= Sufficient, G = Good, E = Excellent

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| **Names of students:**  **Wojciech Kolasa**  **Bianca Burlacu**  **Codrin Calin**  **Salman Kanj** | **Company: TNO** | **Date: 6-6-2025** | | | | | |
| **Communication** | | | | | | | |
| * The student group is able to operate in critical situations in an independent, results-oriented and stress-free manner. | | | I | M | S | G | E |
| * The student group is enterprising, shows initiative and dares to take risks. | | | I | M | S | G | E |
| * The student group is good at planning and organizing, monitoring milestones and deadlines, and honors commitments. | | | I | M | S | G | E |
| * The student group is able to identify, integrate and apply relevant knowledge and insights in every new situation. | | | I | M | S | G | E |
| * The student group takes personal duties and responsibilities seriously. | | | I | M | S | G | E |
| * The student group is able to communicate effectively with people in various positions/roles. | | | I | M | S | G | E |
| * The student group is able to listen to and empathize with another person’s point of view. | | | I | M | S | G | E |
| * The student group is able to communicate knowledge, insights and skills to others. | | | I | M | S | G | E |
| * The student group expresses themself effectively, orally and in writing, using correct, understandable and appropriate language | | | I | M | S | G | E |
| * The student group is able to account for the achieved results and the process. | | | I | M | S | G | E |
| * The student group takes substantiated decisions based on the available information and an analysis thereof and comes up with feasible solutions. | | | I | M | S | G | E |
| * The student group comes up with new ideas, approaches or insights. | | | I | M | S | G | E |
| * The student group comes up with various solutions to a problem. | | | I | M | S | G | E |
| * The student group is aware of the importance of ethics and social values for an organization and supports these. | | | I | M | S | G | E |
| **Product** | | | | | | | |
| * The product turned out as expected | | | I | M | S | G | E |
| * The product solves the problem as described to the students | | | I | M | S | G | E |
| * The product meets quality standards | | | I | M | S | G | E |
| * The product is well thought out | | | I | M | S | G | E |
| * The product works intuitively | | | I | M | S | G | E |
| * The product shows creativity | | | I | M | S | G | E |
| * The product is visually pleasing | | | I | M | S | G | E |

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|  | **Explanation** | |
|  | *Suggestions, feedback, remarks:*  The students independently implemented a classifier for arrythmia detection in ECG signals, based on an open dataset. Next to the dataset that I chose, they themselves also experimented on two other datasets, leading to more robust insights.  An interesting twist is that I expected that they use a signal of 30 seconds length as input, but they only use the signal of a single heartbeat as input. This surprised me somewhat, but the shown results seem to suggest that the shape of a single heartbeat holds sufficient information to perform this classification task, which I did not expect. A point for improvement is that such an important design choice would be made together with me.  I stressed to double and triple check that the high performance results are indeed true, and the students spend quite some time validating the chosen approach. I think that the students really well dove into the problem in order to validate the numbers, rather than taking them for face value.  Another point of feedback lies in the communication aspects. I did not always feel that the team was enjoying the assignment. There were some absences during meetings, and generally a quiet and low-energy atmosphere during meetings. Do not get me wrong, they still did good work, but my feeling is that other topics are more in their interest.  Generally, they were pleasant to work with. Suggestions in one meeting were followed up and results presented in the next meeting, which gave the impression of steady progress.  I would have loved to see the report and final demonstration before filling in this evaluation form, but my agenda can not allow that. Therefore I can not judge the dissemination skills of the students. | |  |
| Name company supervisor: Maarten Schadd | Signature and Date  6.6.2025 |
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