

# MTAT.03.229 – Enterprise System Integration Assignment – Criteria Sheet

Criteria	Standards				
	Poor (1 point)	Lacking (2 points)	Pass (3 points)	Good (4 points)	Outstanding (5 points)
<b>Functionality</b>  [10 points]	The system only implements a small subset of the interactions defined in Section 3.1 of the handbook. The system is buggy or brittle.		Some interactions are not implemented or some data fields explicitly mentioned in Section 3.1 of the handbook are not implemented. The system is reasonably bug-free. The person evaluating the system cannot run one or two of the use cases described in Section 3.1.		Seen from the perspective of the role played by the team (ES, NO or Krado), the system implements all interactions defined in Section 3.1 the handbook, except those that have been declared out of scope. The system is bug-free. It is possible for the person evaluating the system to use it in order to implement the use cases documented in Section 3.1 of the handbook (notably, change of elec. supplier, meter reading, invoicing)
<b>Internal architecture</b>  [5 points]	Poor architectural choices or undocumented architecture.		Some architectural choices are questionable or the internal structure of the system is not documented.		It is clear how the system is internally structured. Architectural choices are sound and justified.
<b>Interfaces</b>  [5 points]	Some interfaces are undocumented or very unclear.		System imposes significant restrictions on the technologies that other systems may use to communicate. Some interfaces are unclear.		The system is based on standards supported by commercial and open-source products, so as to provide ample choice of technologies to new entrants into the market. All interfaces are appropriately documented and browsable so that developers have all they need to build apps that plug themselves into the system.
<b>Interoperation</b>  [5 points]	The system can only correctly interact with one other system in the trial project.		The system interacts correctly with at least 2 other systems in the same trial project.		The system interacts correctly with the other partner systems in the same trial project. (If not, the responsibility for the lack of interaction is entirely on the other team)
<b>Fault tolerance</b>  [5 points]	System behaves erratically or in an undesirable manner if one of the other systems in the same trial project is down.		System works even if one of the other systems in the same trial project is down for up to 10 minutes. However, some messages might be lost or delivered multiple times.		System works even if one of the other systems in the same trial project is down for up to 10 minutes. Messages are not lost in such cases and no message is delivered twice. End users are not left waiting for a reply on the browser for more than 5 seconds.
<b>Report</b>  [5 points]	Report is clearly incomplete		Report has most or all of the required elements		Report has all the required elements and it is well-presented.
<b>Demo &amp; presentation</b>  [5 points]	The demo did not work properly, presentation was very poor		The demo worked but oral presentation was poor or answers to questions were not satisfactory		The demo fully worked and the oral presentation was clear and convincing

**Penalty for late submission of report:** 25% off if delay is less than 24 hours. 50% off if delay is between 24 and 48 hours. 100% if delay is more than 48 hours.