

Factor	Measures and Quality Scenarios	Variability (current flexibility and future evolution)	Impact of factor	Priority of Success	Difficulty or Risk
Reliability					
Recovery from logger database failure	If the logger database fails, it must be up and running again within 20 minutes	current flexibility: the customer is thinking about switching from oracle to mysql. Evolution: n/a	High impact on stakeholders.	H	M
Performance					
Throughput	System must be able to handle peak loads of 10,000 jobs per minute.	current flexibility: none. Evolution: the system may be scaled out in the future and have to support higher loads	High impact on stakeholders. If the throughput slows down, the company using Benchmarksystem will lose gremlins- I mean customers	H	M
Responsetime	The user should receive a response within 700 ms, about whether the job has been submitted or not	current flexibility: none.	as above	M	L
Supportability/Adaptability					
Support 3rd party databases	If a new database is added, non-persistence layers should not be affected.	current flexibility: as for the reliability requirement above	Medium impact on architecture, must be implemented with a facade to persistence	M	L
Support a smartphone interface in the future	If support for a smartfone interface is added, non-ui layers must not be affected	current flexibility: not required. Evolution: we think that a smartphone interface will be desired by the market within the next 2 years.	Medium impact on architecture, must be clean separation of ui and application	M	L
Support future scaling out	When the system needs to be scaled out, the system must keep on running, an dthe changes should be implemented within a week	current flexibility none	High impact on architecture, must be able to support a distributed system.	M	L
Availability					
Downtime is maximum 3 hours a day, between midnight and 6 am.	System maintenance should take place between midnight and 6 am.	current flexibility none.	High impact on stakeholders. They need the system to be running during office hours	M	L