Component	Requirement	Description	Priority				
pre-/post-processing service	Configuration	The service must read from the configuration file its options including the information (per language) about the available text pre-/post-processing scripts.	M				
	Console	The service must provide a console for monitoring the run-time status and change run-time parameters.	M			**MoSCoW model**	
	Core	The service must provide a JSON, via WebSockets, service allowing to receive and reply to two types of requests: Pre-processing and Post-processing.	M				First priprity, that is absolutely necessary to deliver
		It must be possible for the server to store the input/output text files in specified folder(s).	M				
		On the server, the text for processing is to be stored in a file and the resulting text is to be read from a file.	M				
		The service is to be able to give an id for the pre-processing request's source information and to send it back to the client with the pre-processed text result and the source language.	M			**M - Must**	
		The source id information is to be communicated to the server from the client with the post-processing request.	M				
		The application is to be multi-threaded for speed efficiency. Handle multiple requests simultaneously.	M				
		The application is to be configurable for the maximum number of files descriptors to work with. Can be limited on the level of the number of worker threads	S				
	Pre-process	The pre-processing request must contain: source text data, and the source language	M				Second priority, that is to be delivered, but can be omitted in case of lack of time
		The language is to be possible to be detected by the pre-processing script. In this case the source language is set to <auto>	S				
		The pre-processor response must contain the resulting text, the (detected) source language, and the source set unique identifier.	M				
		If the source language detection was needed but could not be performed (the language could not be detected) an error is reported.	M			**S - Should**	
		If the requested source language (not <auto>) is not known then a default pre-processor must be used	S				
		If the requested source language (not <auto>) is not known and there is no default pre-processor then an error is to be reported.	M				
	Post-process request	The post-processing request must contain: target text data, the target language, and the unique identifier of the source set.	M				Third priority, that is desired to be delivered, in case there is time left for it
		The post-processor response must contain the resulting target text	M			**C - Could**	
		The target language must be given, can not be auto detected	M				
		If the requested target language is not known then a default post-processor must be used	S				
		If the requested target language is not known and there is no default post-processor then an error is to be reported.	M			**W - Would**	Fourth priority, that is desired but is definitely not for the delivery
Web client	Pre-proc. server	It should be possible to provide/enable/disable the pre-proceing service address	M				
	Post-proc. server	It should be possible to give/enable/disable the post-proceing service address	M				
	Progress	The pre and post processing progress is to be shown in the progress bar	S				
	Pre-process	The client must split the source text, and send it for pre-processing to the eserver and process the response.	M				
	Post-Process	The client must split the target text, and send it for post-processing to the eserver and process the response.	M				

Console client	Pre-proc. server	It should be possible to give the pre-procesing service address and port in the command line	M				
	Post-proc. server	It should be possible to give the post-procesing service address and port in the command line	M				
	Progress	The progress on pre- and post- processing is to be reported via info messages.	S				
	Pre-process	The client must split the source text, and send it for pre-processing to the server and process the response.	M				
	Post-Process	The client must split the target text, and send it for post-processing to the server and process the response.	M				