

	Requirement	Priority	Time estimate (hours)
Functional requirements	The system must track the users emotional state	High	12
	The system must display levels of emotion and diagnosis	High	10
	The system must predict a diagnosis	Medium	8
	The system shall store key words and associated values for emotions/disorders in order to analyse the user	High	6
	The system shall scale the level of each displayed emotion/diagnosis to be a relative percentage	Medium	4
	The system will implement a GUI to track the conversation and display information	High	8
	The system must provide statistical information on the history of patients	Medium	6
Non-functional requirements	The system must respond naturally to user input	low	6
	The system shall delay its responses to act human	Low	2
Environmental constraints	The system must provide enough functionality to meet the requirements of the A+ option as described in the "Cosc 310: Project Description"	High	N/A
	The system backend shall be written in java and be implemented as a web based application	Low	N/A