Stage 2: Design and implementation of a new scheduling algorithm

W	orkshop: Name:	SID:	
1.	Report <b>(7 marks</b> ); the use of AI tool will be subject to further investiga academic misconduct	tion and a case of	
	1.1 Introduction	]	/1]
	1.2 Problem definition inc. the clear and conspicuous statement of objective	function [	/1]
	1.3 Algorithm description inc. an example scheduling scenario	]	/2]
	1.4 Implementation	]	/1]
	1.5 Evaluation	]	/1]
	1.6 Presentation (e.g., comprehensiveness, the quality of academic writing a	and etc.) [	/1]
2.	mplementation ( <b>9 marks</b> ; NO MARKS given if you don't show up without special consideration and the code doesn't compile): marked during DEMO		
	2.1 All test configurations are properly handled (scheduling of all jobs)	]	/1]
	2 Your scheduling algorithm's averages w.r.t. all three performance metrics (avg turnaround time, averages utilisation and total rental cost) are better than one or more of baseline algorithms, i.e., the verage value of yours for each performance metric is in either yellow or green.		
		[	/1]
	2.3* Performance with respect to the average turnaround time (1 mark for each superior** schedule than those from all baseline algorithms; a	[ a max of 7).	/7]
	No marks will be given for 2.3 if you don't pass 2.2, i.e., if you get 0 marks for 2.2 then you get 0 marks for 2.3.  * Your scheduling result w.r.t the defined objective is in green. Note when scheduling results of yours are arginally better (i.e., very similar) across a majority of test cases, the marking for 2.3 may be done in conjunction ith manual inspection on algorithm design and code; this can be done outside the demo session.		
3.	Design at code level (3 marks)		
	3.1 Elegance (no redundant code, use of appropriate data structures, etc.)	]	/1]
	3.2 Efficiency (efficient memory management, no magic numbers, etc.)	]	/1]
	3.3 Readability (good naming convention, proper indentation and comment	:s, etc.) [	/1]
4 Project management/compliance (1 mark): regular and genuine commits through of Stage 2, i.e., approx. 5 weeks, the use of LaTeX template, page limit and form		_	ıration
	provision/access of git repository URL and etc.	ia joi matting,	/1]
Total		[	/20 ]