Lab Name	Experiment id	Feature	Requirements	Test Step Id	Test Case Type	Test Descriptions	Test Steps	Expected Results	Status	Test Case Owner	Pre/Post Conditions	Data/Environment required	Dev Owner	Reviewed	History	Additional Comments
Computer Organization Lab	1	Open	User should be able to view the MIPS Simulator Interface	1	Positive	To open preferred file from your system	1.Click on the "open" button in the drop down menu "file"	Supposed to open a dialogue box to select a file.	Reviewed	Ajitesh	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	2	Save	User should be able to view the MIPS Simulator Interface	2	Positive	Save the curent assembly code into a file in your system	1. Click in the "save" button in the drop down menu "file"	Supposed to open a dialogue box to save the file in preferred location	Reviewed	Aabhas	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	3	Assemble	User should be able to view the MIPS Simulator Interface with the "Home" tab open	3	Positive		1. Click on "assemble" button in the drop down menu "Run".	Supposed to assemble the code	Reviewed	Abishek	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	4	Step	User should be able to view the MIPS Simulator Interface with the "Execute" tab open	4	Positive		1. Click on "Step" button in the "Execute" tab	Should execute the next step in the code	Reviewed	Ajitesh	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	5	Run	User should be able to view the MIPS Simulator Interface with the "Execute" tab open	5	Positive		1. Click on "Run" button in the "Execute" tab	Should execute the all the steps in the code	Reviewed	Aabhas	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	6	Help	User should be able to view user guide on clicking help menu or help tab	6	Positive		1. Click on "Help" button in in the drop down menu of Help or Click on Help tab.	User guide should be displayed.	Reviewed	Abishek	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	7	Copy Paste	User should be able to do copy paste in the editor by using ctrl +c & v or using the Edit menu for the same.	7	Positive		1. Select any Text in the Editor. 2. Click on copy in the edit menu or press ctrl + c. 3. Put the cursor where you want to paste. 4. Click on Paste in the edit menu or press ctrl +v.	Copied Text should be pasted in the desired location.	Reviewed	Ajitesh	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	8	Cut Paste	User should be able to do cut paste in the editor by using ctrl +x & v or using the Edit menu for the same.	8	Positive		1. Select any Text in the Editor. 2. Click on cut in the edit menu or press ctrl + x. 3. Put the cursor where you want to paste. 4. Click on Paste in the edit menu or press ctrl +v.	The Text selected for cut should be pasted in the desired location.	Reviewed	Aabhas	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	9	Sample Programs	The Simulator should be able to assemble and run the 3 Sample Programs. (add two numbers convert string to int and compute length of a string)	9	Positive		1. Click on Codes tab and then on Program 1. 2. Click on Copy button below the code. 3. Paste the code in the editor. 4. Assemble the code and run it. 5. Check the output for correctness. 6. Repeat 1-5 for Program 2 and 3.	The Sample Program should be able to run correctly without any errors.	Reviewed	Abishek	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				
Computer Organization Lab	10	Break Points	The Simulator should be able to stop running the code at a Break Point given by user.	10	Positive		1. Put a Break Point on a line after assembling the code. 2. Press Run.	The Program should be executed only till the first Break Point.	Reviewed	Ajitesh	Ensure that the .jar executable is running without any faults	OS: Linux Ubuntu Memory: 8GB RAM Processor: Intel Core i7				