

Test Planner and Tracker

Team Number: 09

Jalees Jahanzaib, Mayank Goyal, Naren Akash R J, Meena Raja Sree P

Test No. ID	Related Use case	Pre-conditions	Test Description (steps)	Expected Outcome	Sprint 2 Outcome (color code)	Comments (if test case failed)	Sprint 3 Outcome (color code cell background)	Comments (if test case failed)	Sprint 4 Outcome (color code cell background)	Comments (if test case failed)	R1 Outcome (color code cell background)	Comments (if test case failed)	Sprint 5 Outcome (color code cell background)	Comments (if test case failed)	Sprint 6 Outcome (color code cell background)	Comments (if test case failed)	Sprint 7 Outcome (color code cell background)	Comments (if test case failed)	R2 Outcome (color code cell background)	Comments (if test case failed)
1	Experiment 01 Simulation	The experiments were not available on the Virtual Labs Web appliccation. The experiment has to be developed from scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	We change the angle to see at which angle the light polarises in a polarimeter. At the optical rotation angle, the intensity of the right part matches the intensity of the left part.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		NIL
2	Experiment 02 Simulation	Both of the experiment simulations were completely made as Adobe Flash file. The complete experiment has to be remade in JavaScript.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	When we change the extinction coefficient or the wavelength of the circular polarised light, the corresponding visulaization should appear on the page. The same should be true for both absopitive and dispersive options.		Not Applicable (Preliminary Study was conducted)		NIL		NIL		NIL		NIL		NIL		NIL		NIL
3	Experiment 03 Simulation	All of the molecular visualizations were made using Jmol Java applet and cannot be viewed on modern browsers. The in-experiment quizzes were not working.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	We should be able to rotae and transform the molecular visualization to view them clearly. As per the question given, we should be able to choose the desired atom.		Not Applicable (Preliminary Study was conducted)		The molecules were not fit properly on the page.		NIL		NIL		NIL		NIL		NIL		NIL
4	Experiment 03 Experimental Setup Animations	The experimental setup was based on Adobe Flash and not supported on browsers now.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	As we choose different samples, the corresponding setups should be visible. Then when we measured ORD, the graphical plot should appear. Upon clicking analysis, quiz should appear and upon selecting the correct option we should be intimated.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		The corresponding analysis quiz should appear for the chosen sample.		NIL		NIL
5	Experiment 04 Simulation	The complete experiment is not available on the Virtual Labs web application. It has to be designed from scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	We should be able to rotate and transform the molecular visualization to view them clearly. As per the question given, we should be able to choose the desired atom.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		The corresponding analysis quiz should appear for the chosen sample.		NIL		NIL

6	Experiment 04 Experimental Setup Animations	The experimental setup was based on Adobe Flash and not supported on browsers now.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	As we choose different samples, the corresponding setups should be visible. Then when we measured CD, the graphical plot should appear. Upon clicking analysis, quiz should appear and upon selecting the correct option we should be intimated.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		When a particular sample is clicked, the corresponding analysis with all the plots should appear.		NIL		NIL
7	Experiment 05 Simulation	The entire experiment is based on Adobe Flash and is not compataible with the current browser standards. The experiment has to be made in JavaScript from scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The page should be able to show the content regarding the experimental setup and should allow the user to select different samples required for the experiment.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		NIL		NIL		NIL
8	Experiment 05 Experimental Setup Animations	The experimental setup was based on Adobe Flash and not supported on browsers now.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	In the animated experimental sequence, as the user clicks on the object specified on the instructions pane, the corresponding object should perform the desired task as mentioned in the instruction.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		NIL		NIL		NIL
9	Experiment 06 Simulation	The entire experiment is based on Adobe Flash and is not compataible with the current browser standards. The experiment has to be made in JavaScript from scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The page should be able to show the content regarding the experimental setup and should allow the user to select different samples required for the experiment.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		NIL		NIL		NIL		NIL
10	Experiment 07 Simulation	The entire experiment is based on Adobe Flash and is not compataible with the current browser standards. The experiment has to be made in JavaScript from scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The user should be able to choose different samples and then be able to view the corresponding wavelength versus millidegrees plot. An option to add/remove baseline in the plot is also provided.		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		NIL		NIL		NIL		NIL		NIL
11	Experiment 08 Simulation	Molecular visualizations were not viewable on modern browsers. They were made using Java Jmol applet.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The user should be able to see different visualizations of the molecules involved in the experiment. A page should descibe the sample used in the experiment.		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		Graph not available.		The graph data points should be corrected.		NIL		NIL		NIL

12	Experiment 08 Experimental Setup Animations	The experimental setup animations were made in Flash and are not compatible with the current browser standards.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	In the animated experimental sequence, as the user clicks on the object specified on the instructions pane, the corresponding object should perform the desired task as mentioned in the instruction.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		NIL
13	Experiment 09 Simulation	Molecular visualizations were not viewable on modern browsers. They were made using Java Jmol applet.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The user should be able to see different visualizations of the molecules involved in the experiment. A page should describe the sample used in the experiment.		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		NIL		The graph analysis page not available.		The graph data points should be corrected.		NIL		NIL
14	Experiment 09 Experimental Setup Animations	The experimental setup animations were made in Flash and are not compatible with the current browser standards.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	In the animated experimental sequence, as the user clicks on the object specified on the instructions pane, the corresponding object should perform the desired task as mentioned in the instruction.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		NIL		NIL
15	Experiment 10 Simulation	The experiment files were not available. We had to design and structure the experiment from the scratch.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	The user should be able to choose a sample with or without the chemical denaturing agent. Upon choosing either one of them it should redirect to the animated experiment. Upon completion, a graphical analysis for the experiment should be provided.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		The graph data points should be corrected.		NIL
16	Experiment 09 Experimental Setup Animations	The experimental setup animations were made in Flash and are not compatible with the current browser standards.	The test should follow the steps given in the experiment manual. Start from the first page of the experiment and verify if the flow of the experiment matches with that of the manual.	In the animated experimental sequence, as the user clicks on the object specified on the instructions pane, the corresponding object should perform the desired task as mentioned in the instruction.		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Module to be started in the second-half)		Not Applicable (Preliminary Study was conducted)		Not Applicable (Preliminary Study was conducted)		The steps in the setup did not match with the actual flow.		NIL