

Project 9 Grade Sheet	Group#:	
	Grader:	

Point breakdowns:
 B (binary): Full points awarded if criteria met, no points otherwise.
 C (criteria): Grade according to the stated criteria for the requirements for each object
 S (split): points are split evenly across all artifacts

	Possible Points	Point Breakdown	Points Awarded	Notes
Statecharts Criteria				
(5 pts) Does each state set every output listed in the output interface?		B		
(5 pts) Do the transitions consist of guard conditions only and no actions?		B		
DriveControl Statechart	10	C		
Controller Implementation Criteria				
(2 pts) The <controllername>.java file must be linked into elevatorcontrol/package.html		B		
(3 pts) The controller class defined in the java file must be a direct descendent of simulator.framework.Controller.		B		
Does DriveControl meet the controller guidelines?	5	C		
AUTOMATED: If the entire contents of the elevatorcontrol/ folder is copied into simulator/elevatorcontrol/ from a clean copy of the latest download package, can the package be compiled without errors? (Save this configuration for use in testing)	15	B		
Testing				
Is the DriveControl Unit test up to date?	5	B		
Is the Unit Test Log complete and up to date (all controller modules listed, input and output files properly linked)?	10	B		
AUTOMATED: Execute the unit tests using the simulator assembled in the design portfolio grading. (Note that this step requires a valid unit_tests.txt summary file). All tests must execute without throwing java runtime exceptions, but it is ok if there are failed assertions (points for Dispatcher an DoorControl passing all assertions are elsewhere). All tests listed in the unit test log must be listed in the unit_tests.txt file. If the simulator will not compile, award no credit.	10	B		
Do the Dispatcher and DoorControl unit tests pass?	10	B		
Runtime Monitoring				
Is the runtime monitor for RT10 present in the RuntimeRequirementsMonitor.java, and does it compile?	5	B		
Is the verification.html up to date?	5	B		
Traceability				
Check the following items for DriveControl:				
Sequence Diagrams to Requirements traceability - verify that all sequence diagram arcs are listed, all requirements are listed, and every row and column in the table has at least one X in it.	10	B		
Requirements to statecharts traceability - verify that all states and arcs are listed in the table, all requirements are listed, and every row and column in the table has at least one X in it.	10	B		
Time-triggered statechart - verify that the statechart sets every output in every state and that there are no actions on transitions, and that if the statechart has nested states, it conforms to the TT statechart rules listed in the Project 5 writeup.	10	B		
Statecharts to Code traceability - verify that every transition in the statechart is listed in the statecharts-to-code table.	10	B		
Look at the implementation and verify that the code that follows the traceability comments is substantially similar to the corresponding guard condition in the statechart.	10	B		
Traceability to unit tests - choose one of the module's unit tests and verify that traceability comments for the statecharts and transitions listed in the unit test log are all present in the unit test file.	10	B		
Improvements Log				
Is there an entry for project 10 in the improvements log?	5	B		
Peer Review				
Peer reviews listed for Statechart, Implementation, and Unit Test for DriveControl and any other updated modules?	20	S		
Deductions	Points lost	Point Breakdown	Deduction Awarded	
Is the issue log reasonably up to date?	-8	B		
Do the files that have been modified in the portfolio have the proper headers?	-13	B		
Do the submitted files conform to the portfolio layout guidelines?	-13	B		
Feedback from previous projects addressed?	-20	B		
	Possible Points	Points awarded		
Totals	160		0	
Late Penalty	Percentage	Deduction		
Enter the percentage of total score (per late policy)	100		0	
Final Score	Percentage	Points		
This is your actual grade	0		0	