CSE 1325-001 Demonstration Checklist: Dinosaur Bone, Phase 2

Date: _____

Student Name: _____

Student ID: _____

Student Name: _____

Student ID: _____

Scorer: _____

Penalties	Penalty	Forfeited
2 programs (2 Mains, 2 Menus)	15	
Three Packages (Buyer, Seller, Data)	15	
2 diagrams (Buyer, Seller)	15	
Comments (File, Class, Function)	15	
Constructors with beginning Values	15	
Try /Catch Blocks	15	
Inheritance must be present	15	

#	Action	Description	Points	Awarded
1	Run the Seller Program	Students must start the Dinosaur Bone Seller Tool without crashing.	2.5	
2	Load the Files	Load Dinosaur Bones, and continents, and/or seller	2.5	
3	Create a Seller	Create a Seller at location (-179°, 8°).	2.5	
5	Add Dinosaur Bone	Create a Dinosaur Bone of type "Spinosaurus" at (150°, -72°) in Antarctica	2.5	
6	Dinosaur Bone price	Decide to go with suggested price. (should be $2000)	2.5	
7	Add Dinosaur Bone	Create a Dinosaur Bone of type "Tyrannosaurus Rex" at (-168°, 63°). North America.	2.5	
8	Dinosaur Bone price	Override the suggested Dinosaur Bone price ($650) with $550.	2.5	
9	Add Dinosaur Bone	Add a Dinosaur Bone of any type by inputting a single line of text. (long: -96°, lat: 80°, price: $9876.54)	2.5	
10	Dinosaur Bone Price	Stay with the price of $9876.54	2.5	
11	Save the Files	Save the Dinosaur Bones and seller to file.	2.5	
12	Show the Map	View the map. The three new Dinosaur Bones should be visible.	2.5	

#	Action	Description	Points	Awarded
13	Run Buyer Program	Students must start the program without crashing.	2.5	
14	Load the Files	Load Dinosaur Bones and continents, and/or buyer	2.5	
15	Create a Buyer	Create a Buyer at location (174°, -81°).	2.5	
16	Update Buyer	Update the location of the Buyer to (-180°, 90°).	2.5	
17	Show the map	Show the Map with Dinosaur Bones	2.5	

#	Action	Description	Points	Awarded
18	Run the Program	Start the Appropriate Program	2.5	
19	Scramble	Completely scramble the map using the Random functions.	2.5	
20	Show the map	Show the map with Dinosaur Bones, it should have changed.	2.5	

#	Action	Description	Points	Awarded
21	Bonus 2.1	Set Seller to Location (38.4, 22.5)	5	
22	Bonus 2.2	Set Buyer to Location (32.7, -97.1)	5	
23	Bonus 2.3	Load both Buyer and Seller into one tool	5	
24	Bonus 2.4	Find the distance.	5	

Coding Checklist

Demonstration	50 Points	Awarded
See Page 1	50	

Diagrams	25 points	Awarded
Matches the Code	10	
Shows Inheritance structure for Dinosaur Bones	5	
Shows Association and/or Aggregation with Continents	5	
Shows Association with Position	5	
Subtotal	25	

Code	25 points	Awarded
Good Coding Style (TA Discretion)	10	
Demonstration of Continent Class	5	
Demonstration of Inheritance with Dinosaur Bones	5	
Demonstration of Random Number	5	
Total	25	

Final Total Score_____