The University of the West Indies, St. Augustine
COMP 2603 Object Oriented Programming I
Assignment 1 Grade Sheet
2020/2021 Semester 2

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78.49%

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Criteria	Mark
VirtualMeetingSystem	15.0
VirtualRoom	22.5
BreakoutRoom	22.0
Participant	8.0
Total (out of 86.0)	**67.5**

VirtualMeetingSystem Class

Passed 7/10; Failed 3/10.

Method	`createVirtualRoom(String)`	2.0 / 2.0
Method	`listParticipants(int)`	3.0 / 3.0
Method	`openBreakoutRoom(int)`	2.0 / 2.0
Method	`closeBreakoutRoom(int)`	2.0 / 2.0
Method	`listAllBreakoutRooms()`	2.0 / 2.0
Method	`findParticipantBreakoutRoom(String)`	2.0 / 2.0
Method	`listParticipantsInAllBreakoutRooms()`	2.0 / 2.0
Method	`loadParticipantData(String)`	0.0 / 5.0

Does not work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check `VirtualMeetingSystem()` constructor exists and is accessible ✓

Check `public void loadParticipantData(String)` method exists and defined properly ✓

Check `VirtualMeetingSystem()` constructor creates instances ✓

Check `loadParticipantData(String)` method runs with args `("src/a1/test/resources/participant.dat")` ✗

Method	`allocateParticipants(String)`	0.0 / 10.0

Cannot be further tested because testing relies on the loadParticipantData method that does not work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check `VirtualMeetingSystem()` constructor exists and is accessible ✓

Check `loadParticipantData(String)` method exists and is accessible ✓

Check `createVirtualRoom(String)` method exists and is accessible ✓

Check `public void allocateParticipants(String)` method exists and defined properly ✓

Check `VirtualMeetingSystem()` constructor creates instances ✓

Check `loadParticipantData(String)` method runs with args `("src/a1/test/resources/participant.dat")` ✗

Method **`addParticipant(String, int)`** 0.0 / 2.0

Cannot be further tested because testing relies on the loadParticipantData method that does not work as anticipated: produced java.io.FileNotFoundException: src/a1/test/resources/participant.dat (No such file or directory). We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check `VirtualMeetingSystem()` constructor exists and is accessible ✓

Check `loadParticipantData(String)` method exists and is accessible ✓

Check `createVirtualRoom(String)` method exists and is accessible ✓

Check `openBreakoutRoom(int)` method exists and is accessible ✓

Check `public boolean addParticipant(String, int)` method exists and defined properly ✓

Check `VirtualMeetingSystem()` constructor creates instances ✓

Check `loadParticipantData(String)` method runs with args `("src/a1/test/resources/participant.dat")` ✗

VirtualRoom Class

Passed 12/14; Partially passed 1/14; Failed 1/14.

Attribute **`breakoutRooms`** 1.0 / 1.0

Attribute **`breakoutRoomLimit`** 1.0 / 1.0

Attribute **`name`** 1.0 / 1.0

Constructor **`VirtualRoom(String)`** 2.0 / 2.0

Method `listBreakoutRooms()` 2.0 / 2.0

Method `findBreakoutRoom(int)` 2.0 / 2.0

Method `createBreakoutRooms()` 2.0 / 2.0

Method `openBreakoutRoom(int)` 2.0 / 2.0

Method `closeBreakoutRoom(int)` 2.0 / 2.0

Method `findParticipantBreakoutRoom(String)` 2.0 / 2.0

Method `listParticipantsInBreakoutRoom(int)` 2.0 / 2.0

Method `addParticipantToBreakoutRoom(String, int)` 2.0 / 2.0

Constructor `VirtualRoom(String, int)` 1.5 / 2.0

Does not initialize the breakoutRooms attribute. We expect your constructor to initialize a particular set of instance attributes, but yours doesn't.

Check `public VirtualRoom(String, int)` constructor exists and defined properly ✓

Check `VirtualRoom(String, int)` constructor creates instances with args `("VirtualRoom", 10)` +0.5 ✓

Check `name` attribute equals `"VirtualRoom"` +0.5 ✓

Check `breakoutRoomLimit` attribute equals `10` +0.5 ✓

Check `breakoutRooms` attribute equals `an array with size 10` ✗

Method `getNumberOfBreakoutRooms()` 0.0 / 1.0

Does not work as anticipated: produced java.lang.NullPointerException: Cannot invoke "out.Tamia___Ashley_Tuitt_657761_assignsubmission_file_.BreakoutRoom.getBreakoutRoomNumberCounter()" because "this.breakoutRooms[i]" is null. We expect your method to run without problems, but instead yours contains bad code that creates problems.

Check `VirtualRoom(String)` constructor exists and is accessible ✓

Check `breakoutRoomLimit` attribute exists ✓

Check `public int getNumberOfBreakoutRooms()` method exists and defined properly ✓

Check `VirtualRoom(String)` constructor creates instances with args `("VirtualRoom")` ✓

Check `getNumberOfBreakoutRooms()` method returns value equal to attribute `breakoutRoomLimit` ✗

BreakoutRoom Class

Passed 16/16.

Attribute	**`breakoutRoomID`**	1.0 / 1.0
Attribute	**`breakoutRoomSize`**	1.0 / 1.0
Attribute	**`participants`**	1.0 / 1.0
Attribute	**`numberOfParticipants`**	1.0 / 1.0
Attribute	**`open`**	1.0 / 1.0
Attribute	**`breakoutRoomNumberCounter`**	1.0 / 1.0
Constructor	**`BreakoutRoom(String)`**	3.0 / 3.0
Method	**`findParticipant(String)`**	2.0 / 2.0
Method	**`toString()`**	2.0 / 2.0
Method	**`getBreakoutRoomID()`**	1.0 / 1.0
Method	**`getOpen()`**	1.0 / 1.0
Method	**`addParticipant(String)`**	2.0 / 2.0
Method	**`listParticipants()`**	2.0 / 2.0
Method	**`openBreakoutRoom()`**	1.0 / 1.0
Method	**`closeBreakoutRoom()`**	1.0 / 1.0

Method	`getNumberOfParticipants()`	1.0 / 1.0

Participant Class

Passed 5/5.

Attribute	`participantID`	1.0 / 1.0
Constructor	`Participant(String)`	2.0 / 2.0
Method	`toString()`	2.0 / 2.0
Method	`verifyID(String)`	2.0 / 2.0
Method	`getParticipantID()`	1.0 / 1.0