LUMS Campus Navigator						
Type of test case: Unit Test						
Graph:AddNode						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Adds a node to the graph and checks if it was added correctly	Add new nodes	Nodes should be added to Graph	Pass	Nodes were added successfully.	
2	Adds a node to the graph and checks if it was added correctly	Add a null Node.	This Node should not be added	Pass	Node was not added to Graph	

LUMS Campus Navigator						
Type of test case: Unit Test						
Graph:ContainsNode						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Checks if a node is in the graph or not	Add a node to find which is in graph..	It should find the node and return true.	Pass	Found the Node	
2	Checks if a node is in the graph or not	Add a node to find which is not in graph..	This Node should not be found.	Pass	Didn't find the node and returned false.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Graph:GetNode						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Checks if a node is in the graph and return it.	Add a node to get which is in graph..	It should find the node and return it.	Pass	Found the Node	
2	Checks if a node is in the graph and return it.	Add a node to get which is not in graph..	This Node should not be found.	Pass	Didn't find the node and returned null.	
3	Enter the Integer ID of a node to get it.	Add a node ID to get which is in graph..	It should find the node and return it.	Fail	Exception	If we entered an integer to find the node, it couldn't find it.

4	Enter the Integer ID of a node to get it.	Add a node ID to get which is not in graph..	This Node should not be found.	Pass	Didn't find the node and returned null.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Graph:FindRoute						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Find the route between 2 nodes.	2 nodes among which a route exists	It should find the route and return it.	Pass	Returned the correct route.	
2	Find the route between 2 nodes.	2 nodes among which a route doesn't exists	It should not find a route and return null.	Pass	Didn't find the route and returned null.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Node:AddNodeToAdjacencyList						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Adds a node to adjacency list of this node	A new node to add.	It should add the node.	Pass	The node was added successfully.	
2	Adds a node to adjacency list of this node	Added null Node.	This Node should not be added.	Pass	No new node was added.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Node:GetAdjacencyList						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Returns the adjacencyList of a node.	Add a few nodes and ask for list.	It should return all the node added to it.	Pass	Correctly returned all the adjacent nodes of this node	
2	Adds a node to adjacency list of this node	Added null Node.	This Node should not be added.	Pass	No new node was added.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Node:SetEdgeWeight						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Should set the weight of an edge.	A node and its associated weight.	The weight should be set correctly.	Pass	The weight was changed successfully.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Node:EqualIsNode						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Checks if two nodes are equal or not.	2 nodes which are equal.	Should return true.	Pass	Returned true.	
2	Checks if two nodes are equal or not.	2 nodes which are not equal.	Should return false.	Pass	Returned false.	

LUMS Campus Navigator						
Type of test case: Unit Test						
Node:IsNodeInAdjacencyList						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	Checks if a node is in adjacencyList or not.	A node which is in adjacencyList.	Should return true.	Pass	Returned true.	
2	Checks if a node is in adjacencyList or not.	A node which is not in adjacencyList.	Should return false.	Pass	Returned false.	
3	Checks if a node is in adjacencyList or not(given its ID).	A node ID whose Node is in adjacencyList.	Should return true.	Fail	Returned false.	Some exceptions during converting IDs from integer to string.

4	Checks if a node is in adjacencyList or not(given its ID).	A node ID whose Node is not in adjacencyList.	Should return false.	Pass	Returned false.	

LUMS Campus Navigator						
Type of test case: Unit Test						
MainActivity						
Developed /Executed By: Salman/ Nauman Execution Date: 15/4/2013 Application Version:						
Test Case ID	**Test Description**	**Input Values**	**Expected Result**	**Status(Pass/Fail)**	**Actual Result**	**Comments**
1	It Checks that are the buttons are displayed on the screen or not.	The Screan Size for which we want to test our GUI.	All buttons should be inside the screen.	Pass	Dislayed all buttons.	