Testing Database/ Admin Abilities UI Report

Signed off by Stephanie Racca

1   Introduction

1.1   Background

This document provides adequate testing of the database via the UI

2   Overview

This document tests:

4.a - Edit Maps Brings Up Proper UI

4.b - Add Node

> *I - Brings Up Proper UI*
> *II - Properly Add Node to DB*
> *III - Properly Edit Existing Node in DB*
> *IV - Remove Existing Node in DB*

4.c - Edit Path/Changing Edges
> *I - Brings Up Proper UI*
> *II - Properly Add Edge to DB*
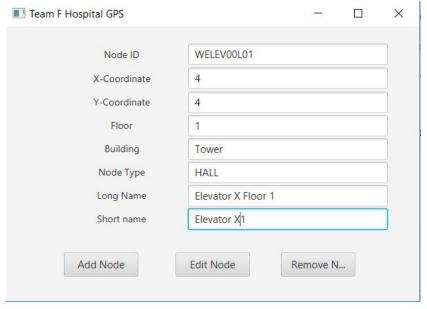> *III - Properly Edit Existing Node in DB*
> *IV - Remove Existing Node in DB*

3   Assessment

Component testing of this was doing prior in the files. Not only do all proper UIs get brought up with the correct items, Nodes and Edges are properly modified.

4   Results

a)   Edit Maps Brings Up Proper UI - Did exactly that. *(Success)*

b)   Edit Node
   i)   Brings Up Proper UI - Did exactly that. *(Success)*
   ii)   Properly Add Node to DB - Properly added node with correct parameters *(Success)*
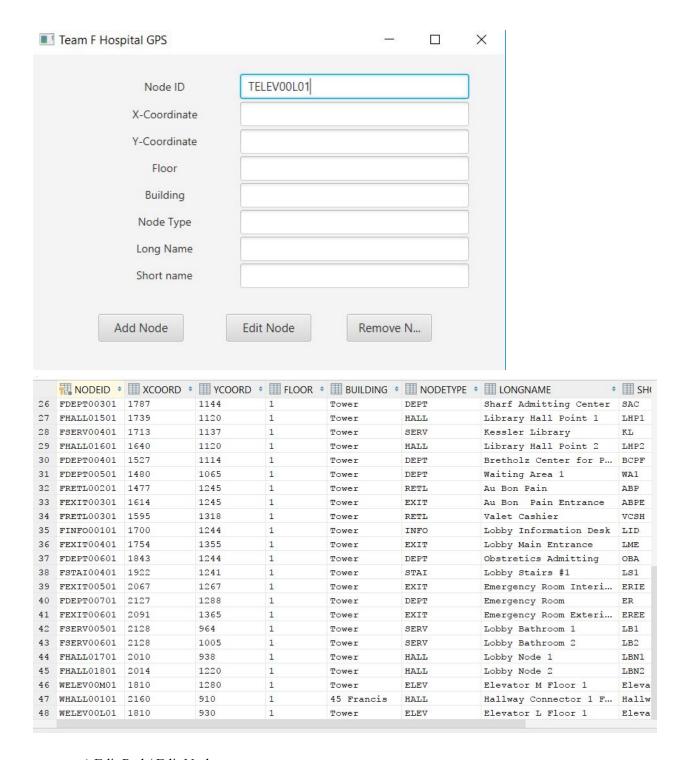
Team F Hospital GPS

Node ID	WELEV00L01
X-Coordinate	4
Y-Coordinate	4
Floor	1
Building	Tower
Node Type	HALL
Long Name	Elevator X Floor 1
Short name	Elevator X1

[Add Node] [Edit Node] [Remove N...]

	NODEID	XCOORD	YCOORD	FLOOR	BUILDING	NODETYPE	LONGNAME	SH(
27	FHALL01501	1739	1120	1	Tower	HALL	Library Hall Point 1	LHP1
28	FSERV00401	1713	1137	1	Tower	SERV	Kessler Library	KL
29	FHALL01601	1640	1120	1	Tower	HALL	Library Hall Point 2	LHP2
30	FDEPT00401	1527	1114	1	Tower	DEPT	Bretholz Center for P...	BCPF
31	FDEPT00501	1480	1065	1	Tower	DEPT	Waiting Area 1	WA1
32	FRETL00201	1477	1245	1	Tower	RETL	Au Bon Pain	ABP
33	FEXIT00301	1614	1245	1	Tower	EXIT	Au Bon Pain Entrance	ABPE
34	FRETL00301	1595	1318	1	Tower	RETL	Valet Cashier	VCSH
35	FINFO00101	1700	1244	1	Tower	INFO	Lobby Information Desk	LID
36	FEXIT00401	1754	1355	1	Tower	EXIT	Lobby Main Entrance	LME
37	FDEPT00601	1843	1244	1	Tower	DEPT	Obstretics Admitting	OBA
38	FSTAI00401	1922	1241	1	Tower	STAI	Lobby Stairs #1	LS1
39	FEXIT00501	2067	1267	1	Tower	EXIT	Emergency Room Interi...	ERIE
40	FDEPT00701	2127	1288	1	Tower	DEPT	Emergency Room	ER
41	FEXIT00601	2091	1365	1	Tower	EXIT	Emergency Room Exteri...	EREE
42	FSERV00501	2128	964	1	Tower	SERV	Lobby Bathroom 1	LB1
43	FSERV00601	2128	1005	1	Tower	SERV	Lobby Bathroom 2	LB2
44	FHALL01701	2010	938	1	Tower	HALL	Lobby Node 1	LBN1
45	FHALL01801	2014	1220	1	Tower	HALL	Lobby Node 2	LBN2
46	WELEV00M01	1810	1280	1	Tower	ELEV	Elevator M Floor 1	Eleva
47	WHALL00101	2160	910	1	45 Francis	HALL	Hallway Connector 1 F...	Hallw
48	WELEV00L01	1810	930	1	Tower	ELEV	Elevator L Floor 1	Eleva
49	TELEV00L01	4	4	1	Tower	HALL	Elevator X Floor 1	Eleva

       iii)   Edit Existing Node in DB - Succesfully changed node to the new parameters *(Success)*

Team F Hospital GPS

Node ID	TELEV00L01
X-Coordinate	5
Y-Coordinate	5
Floor	
Building	
Node Type	
Long Name	
Short name	

Add Node   Edit Node   Remove N...

45	FHALL01801	2014	1220	1	Tower	HALL	Lobby Node 2	LBN2
46	WELEV00M01	1810	1280	1	Tower	ELEV	Elevator M Floor 1	Eleva
47	WHALL00101	2160	910	1	45 Francis	HALL	Hallway Connector 1 F...	Hallw
48	WELEV00L01	1810	930	1	Tower	ELEV	Elevator L Floor 1	Eleva
49	TELEV00L01	5	5					

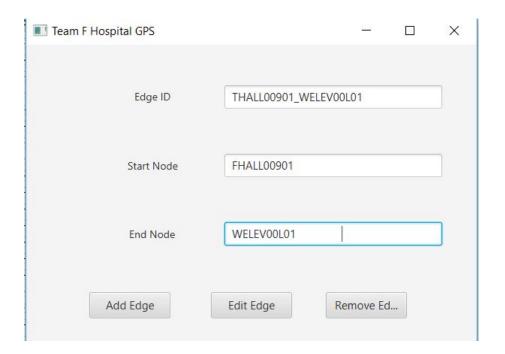iv) Delete Existing Node in DB - Removed node with no trace in sight *(Success)*

Team F Hospital GPS

Node ID `TELEV00L01`

X-Coordinate

Y-Coordinate

Floor

Building

Node Type

Long Name

Short name

[Add Node]   [Edit Node]   [Remove N...]

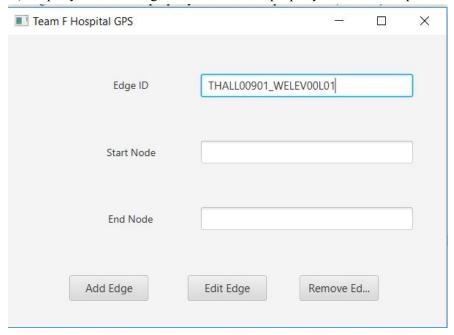|	NODEID	XCOORD	YCOORD	FLOOR	BUILDING	NODETYPE	LONGNAME	SH
26	FDEPT00301	1787	1144	1	Tower	DEPT	Sharf Admitting Center	SAC
27	FHALL01501	1739	1120	1	Tower	HALL	Library Hall Point 1	LHP1
28	FSERV00401	1713	1137	1	Tower	SERV	Kessler Library	KL
29	FHALL01601	1640	1120	1	Tower	HALL	Library Hall Point 2	LHP2
30	FDEPT00401	1527	1114	1	Tower	DEPT	Bretholz Center for P...	BCPF
31	FDEPT00501	1480	1065	1	Tower	DEPT	Waiting Area 1	WA1
32	FRETL00201	1477	1245	1	Tower	RETL	Au Bon Pain	ABP
33	FEXIT00301	1614	1245	1	Tower	EXIT	Au Bon Pain Entrance	ABPE
34	FRETL00301	1595	1318	1	Tower	RETL	Valet Cashier	VCSH
35	FINFO00101	1700	1244	1	Tower	INFO	Lobby Information Desk	LID
36	FEXIT00401	1754	1355	1	Tower	EXIT	Lobby Main Entrance	LME
37	FDEPT00601	1843	1244	1	Tower	DEPT	Obstretics Admitting	OBA
38	FSTAI00401	1922	1241	1	Tower	STAI	Lobby Stairs #1	LS1
39	FEXIT00501	2067	1267	1	Tower	EXIT	Emergency Room Interi...	ERIE
40	FDEPT00701	2127	1288	1	Tower	DEPT	Emergency Room	ER
41	FEXIT00601	2091	1365	1	Tower	EXIT	Emergency Room Exteri...	EREE
42	FSERV00501	2128	964	1	Tower	SERV	Lobby Bathroom 1	LB1
43	FSERV00601	2128	1005	1	Tower	SERV	Lobby Bathroom 2	LB2
44	FHALL01701	2010	938	1	Tower	HALL	Lobby Node 1	LBN1
45	FHALL01801	2014	1220	1	Tower	HALL	Lobby Node 2	LBN2
46	WELEV00M01	1810	1280	1	Tower	ELEV	Elevator M Floor 1	Eleva
47	WHALL00101	2160	910	1	45 Francis	HALL	Hallway Connector 1 F...	Hallw
48	WELEV00L01	1810	930	1	Tower	ELEV	Elevator L Floor 1	Eleva

c) Edit Path/ Edit Nodes
  i) Brings Up Proper UI - Does exactly that. *(Success)*
  ii) Properly Add Edge to DB - Are properly added and seen in the Database *(Success)*
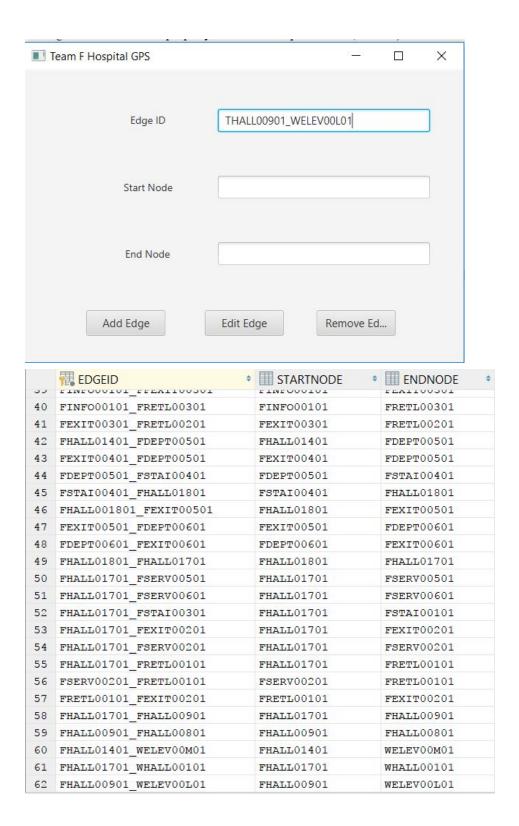
iii) Properly Edit Existing Node in DB - Are properly edited to new parameters *(Success)*

	EDGEID	STARTNODE	ENDNODE
40	FINFO00101_FRETL00301	FINFO00101	FRETL00301
41	FEXIT00301_FRETL00201	FEXIT00301	FRETL00201
42	FHALL01401_FDEPT00501	FHALL01401	FDEPT00501
43	FEXIT00401_FDEPT00501	FEXIT00401	FDEPT00501
44	FDEPT00501_FSTAI00401	FDEPT00501	FSTAI00401
45	FSTAI00401_FHALL01801	FSTAI00401	FHALL01801
46	FHALL001801_FEXIT00501	FHALL01801	FEXIT00501
47	FEXIT00501_FDEPT00601	FEXIT00501	FDEPT00601
48	FDEPT00601_FEXIT00601	FDEPT00601	FEXIT00601
49	FHALL01801_FHALL01701	FHALL01801	FHALL01701
50	FHALL01701_FSERV00501	FHALL01701	FSERV00501
51	FHALL01701_FSERV00601	FHALL01701	FSERV00601
52	FHALL01701_FSTAI00301	FHALL01701	FSTAI00101
53	FHALL01701_FEXIT00201	FHALL01701	FEXIT00201
54	FHALL01701_FSERV00201	FHALL01701	FSERV00201
55	FHALL01701_FRETL00101	FHALL01701	FRETL00101
56	FSERV00201_FRETL00101	FSERV00201	FRETL00101
57	FRETL00101_FEXIT00201	FRETL00101	FEXIT00201
58	FHALL01701_FHALL00901	FHALL01701	FHALL00901
59	FHALL00901_FHALL00801	FHALL00901	FHALL00801
60	FHALL01401_WELEV00M01	FHALL01401	WELEV00M01
61	FHALL01701_WHALL00101	FHALL01701	WHALL00101
62	FHALL00901_WELEV00L01	FHALL00901	WELEV00L01
63	THALL00901		

iv) Removing Existing Node in DB - Are removed with no DB traces *(Success)*

Team F Hospital GPS

| | | | — | □ | ✕ |

Edge ID THALL00901_WELEV00L01

Start Node

End Node

Add Edge   Edit Edge   Remove Ed...

	EDGEID	STARTNODE	ENDNODE
39	FINFO00101_FFEXIT00301	FINFO00101	FEXIT00301
40	FINFO00101_FRETL00301	FINFO00101	FRETL00301
41	FEXIT00301_FRETL00201	FEXIT00301	FRETL00201
42	FHALL01401_FDEPT00501	FHALL01401	FDEPT00501
43	FEXIT00401_FDEPT00501	FEXIT00401	FDEPT00501
44	FDEPT00501_FSTAI00401	FDEPT00501	FSTAI00401
45	FSTAI00401_FHALL01801	FSTAI00401	FHALL01801
46	FHALL001801_FEXIT00501	FHALL01801	FEXIT00501
47	FEXIT00501_FDEPT00601	FEXIT00501	FDEPT00601
48	FDEPT00601_FEXIT00601	FDEPT00601	FEXIT00601
49	FHALL01801_FHALL01701	FHALL01801	FHALL01701
50	FHALL01701_FSERV00501	FHALL01701	FSERV00501
51	FHALL01701_FSERV00601	FHALL01701	FSERV00601
52	FHALL01701_FSTAI00301	FHALL01701	FSTAI00101
53	FHALL01701_FEXIT00201	FHALL01701	FEXIT00201
54	FHALL01701_FSERV00201	FHALL01701	FSERV00201
55	FHALL01701_FRETL00101	FHALL01701	FRETL00101
56	FSERV00201_FRETL00101	FSERV00201	FRETL00101
57	FRETL00101_FEXIT00201	FRETL00101	FEXIT00201
58	FHALL01701_FHALL00901	FHALL01701	FHALL00901
59	FHALL00901_FHALL00801	FHALL00901	FHALL00801
60	FHALL01401_WELEV00M01	FHALL01401	WELEV00M01
61	FHALL01701_WHALL00101	FHALL01701	WHALL00101
62	FHALL00901_WELEV00L01	FHALL00901	WELEV00L01

5   Summary of Activities

Item	Success	Out Of
Properly Brings Out UI	*5*	*5*
Modify Nodes	*5*	*5*
Modify Edges	*5*	*5*