SUNYMapper\_Test\_Plan

Python Program

1.The user will enter a room number for a start location and end location:

 A highlighted route will be illustrated from the starting room to the end room

To perform this function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for line to draw
3. Enter a room number in the “from” & “to” text box
4. Click “Get Directions” button
5. Verify there is highlighted route to your final destination
6. If following the route correctly you should be at your desired location

2.Users will have access to a Redcay Second Floor Map:

 To perform function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for the line to draw
3. Click “Show Map” button
4. Verify the map is displayed

3.If the user enter a valid room number and invalid room number:

A error message will appear on the screen; asking the user to reenter a valid room number

(The application will be able to double check if it is a valid room number)

To perform function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for line to draw
3. Enter a room number in the “from” & “to” text box
4. Click “Get Directions” button
5. Verify display error message popped up

4.If the user enter a invalid room number and invalid room number:

To perform function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for line to draw
3. Enter a room number in the “from” & “to” text box
4. Click “Get Directions” button
5. Verify display error message popped up

5.The “Need Help?” button when clicked:

 Will display a error message

 (To see the list of available rooms)

To perform function:

1. Open RedcayBFSdemo.py program and Run application
2. Wait for line to draw
3. Click “Need Help?” button
4. Verify display error message popped up

6.How to exit once user has the final directions:

 Click “Exit” button

To perform function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for line to draw
3. Enter a room number in the “from” & “to” text box
4. Click “Get Directions” button
5. Verify there is highlighted route to your final destination
6. Click “Exit” button
7. Verify application has been closed

7.If the user wants to enter another set of directions:

 Click “Get Directions” button and reenter new room numbers

To perform function:

1. Open RedcayBFSdemo.py program and Run application.
2. Wait for line to draw
3. Enter a room number in the “from” & “to” text box
4. Click “Get Directions” button
5. Verify there is highlighted route to destination
6. Wait for line to draw
7. Click “Get Directions” button
8. Reenter new room number in the “from” and “to” text box
9. Verify there is highlighted route to final destination