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Class: CS 201

Project: CTA Travel App

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## Test Plan

### Main Menu

User Input	Correct?	Output
Input (Number)	Yes	(Moves to next procedure)
Input (Invalid)	No	"Invalid command, please try again"
No Input	No/ N/A	[Prompt user again]

### Modify Station

—	User Input	Correct?	Output
Name	Input(String)	Yes	[Moves to next procedure]
	Input (Invalid)	No	"Invalid command, please try again"
	No Input	No/ N/A	[Prompt user again]
Latitude	Input (Double)	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invalid command, please try again"
	No Input	No/ N/A	[Prompt user again]
Longitude	Input (Double)	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invalid command, please try again"

	No Input	No/ N/A	[Prompt user again]
Description	Input (String)	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invaidd command, please try again"
	No Input	No/ N/A	[Prompt user again]
Wheelchair	Input (Boolean [as int])	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invaidd command, please try again"
	No Input	No/ N/A	[Prompt user again]

#### Add Station

—	User Input	Correct?	Output	Order	-1
Name	Input(String)	Yes	[Moves to next procedure]		
	Input (Invalid)	No	"Invaidd command, please try again"		
	No Input	No/ N/A	[Prompt user again]		
Latitude	Input (Double)	Yes	(Moves to next procedure)		
	Input (Invalid)	No	"Invaidd command, please try again"		
	No Input	No/ N/A	[Prompt user again]		
Longitude	Input (Double)	Yes	(Moves to next procedure)		
	Input (Invalid)	No	"Invaidd command, please try again"		

	No Input	No/ N/A	[Prompt user again]		
Description	Input (String)	Yes	(Moves to next procedure)		
	Input (Invalid)	No	"Invaoid command, please try again"		
	No Input	No/ N/A	[Prompt user again]		
Wheelchair	Input (Boolean [as int])	Yes	(Moves to next procedure)		
	Input (Invalid)	No	"Invaoid command, please try again"		
	No Input	No/ N/A	[Prompt user again]		
Red Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaoid command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		
Green Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaoid command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		
Blue Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaoid command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		
Brown Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaoid command, please try again"	#	-1

	No Input	No/ N/A	[Prompt user again]		
Pink Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaidd command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		
Purple Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaidd command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		
Orange Line	Input (Integer)	Yes	(Moves to next procedure)	Yes	No
	Input (Invalid)	No	"Invaidd command, please try again"	#	-1
	No Input	No/ N/A	[Prompt user again]		

#### Remove Station

—	User Input	Correct?	Output	—
Name	Input(String)	Yes	[Moves to next procedure]	[Removes]
	Input (Invalid)	No	"Invaidd command, please try again"	
	No Input	No/ N/A	[Prompt user again]	

#### Search Station (Name)

—	User Input	Correct?	Output	Valid	Invali
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Name	Input(String)	Yes	[Moves to next procedure]	Yes	No
	Input (Invalid)	No	"Invalid command, please try again"	#	"Invalid"
	No Input	No/ N/A	[Prompt user again]		

#### Search Station (Coordinates)

—	User Input	Correct?	Output
Latitude	Input (Double)	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invalid command, please try again"
	No Input	No/ N/A	[Prompt user again]
Longitude	Input (Double)	Yes	(Moves to next procedure)
	Input (Invalid)	No	"Invalid command, please try again"
	No Input	No/ N/A	[Prompt user again]

#### Search Station (Requirements)

—	User Input	Correct?	Output	—
Wheelchair	Input (Boolean [as int])	Yes	(Moves to next procedure)	[Shows Sts]
	Input (Invalid)	No	"Invalid command, please try again"	
	No Input	No/ N/A	[Prompt user again]	

