

Put UpdateTaxiPassenger

input/request:

url: <http://localhost:10001/api/yellowtaxi/cost/a5ca02cd-0934-4e72-bcf8-86d201679497>

body [Json]:

```
{
  "passengerCount": 3
}
```

output/response:

body [Json]:

```
{
  "id": "a5ca02cd-0934-4e72-bcf8-86d201679497",
  "message": "Successfully persisted",
  "status": "Success"
}
```

Test-Case Design:

Apply Black Box Technique Boundary value analysis.

Table Equivalence Classes:

Input Condition	Valid Equivalence Classes	Invalid Equivalence Classes
passengerCount	1 passenger (13) 10 passenger (14)	empty field (15) something different to a number (16) 0 passengers (17) a negative amount of passenger (18)

Write test cases that cover the classes.

Table test valid cases:

Number	Test case	Cases that cover	Expected output/response
1	{ "passengerCount": 1, }	(1) (7) (13) (19) (24) (30) (36) (43) (47) (53) (59) (66) (71) (76) (81) (86) (91) (96)	ok
2	{ "passengerCount": 10, }	(14) (25) (31) (37) (44) (48) (54) (60) (72) (77) (82) (87) (92)	ok

Table test invalid cases:

Number	Test case	Cases that cover	Expected output/response
13	{ "passengerCount": , }	empty field (15)	rejection request
14	{ "passengerCount": A, }	something different to a number (16)	rejection request
15	{ "passengerCount": 0, }	0 passengers (17)	bad request
16	{ "passengerCount": -1, }	a negative amount of passenger (18)	bad request