1 Individual Steps and Test Description

1.1 Integration Test case I1

Test case identifier	I1
Test item(s)	Database → AccessManager
Input specification	The database sends to the AccessManager the data that it has requested by a query or by an INSERT or by an UPDATE.
Output specification	Check if the INSERT and UPDATE have been done correctly, check if the result of the query is what we expect and check if the result is computed correctly by the AccessManager.
Environmental needs	Database data available.

1.2 Integration Test case I2

Test case identifier	I2
Test item(s)	Database → TaxiDriverAreaManager
Input specification	The database sends to the TaxiDriverAreaManager the data that it has requested by a query or by an INSERT or by an UPDATE.
Output specification	Check if the INSERT and UPDATE have been done correctly, check if the result of the query is what we expect and check if the result is computed correctly by the TaxiDriverAreaManager.
Environmental needs	Database data available.

1.3 Integration Test case I3

Test case identifier	I3
Test item(s)	Database → PassengerAreaManager
Input specification	The database sends to the PassengerAreaManager the data that it has requested by a query or by an INSERT or by an UPDATE.
Output specification	Check if the INSERT and UPDATE have been done correctly, check if the result of the query is what we expect and check if the result is computed correctly by the PassengerAreaManager.
Environmental needs	Database data available.

1.4 Integration Test case I4

Test case identifier	I4
Test item(s)	Database → RequestManager
Input specification	The database sends to the RequestManager the data that it has requested by a query or by an INSERT or by an UPDATE.
Output specification	Check if the INSERT and UPDATE have been done correctly, check if the result of the query is what we expect and check if the result is computed correctly by the RequestManager.
Environmental needs	Database data available.

1.5 Integration Test case I5

Test case identifier	I5
Test item(s)	Database → PaymentManager
Input specification	The database sends to the PaymentManager the data that it has requested by a query or by an INSERT or by an UPDATE.
Output specification	Check if the INSERT and UPDATE have been done correctly, check if the result of the query is what we expect and check if the result is computed correctly by the PaymentManager.
Environmental needs	Database data available.

1.6 Integration Test case I6

Test case identifier	I6
Test item(s)	PaymentManager → RequestManager
Input specification	The PaymentManager sends to the RequestManager the data about how the Passenger wants to pay the ride.
Output specification	Check if the Payment method is managed correctly.
Environmental needs	I5 succeeded

1.7 Integration Test case I7

Test case identifier	I7
Test item(s)	RequestManager → Notification
Input specification	The RequestManager sends to the Notification all the notifies of a specific Taxi driver.
Output specification	Check if the notifies are of the correct Taxi driver.
Environmental needs	I4 succeeded

1.8 Integration Test case I8

Test case identifier	I8
Test item(s)	Notification → TaxiDriverArea
Input specification	The Notification sends an alert message to the TaxiDriverArea if a notify is detected.
Output specification	Check if the message is computed correctly by the TaxiDriverArea.
Environmental needs	I7 succeeded

1.9 Integration Test case I9

Test case identifier	I9
Test item(s)	TaxiDriverAreaManager → TaxiDriverArea
Input specification	The TaxiDriverAreaManager sends to the TaxiDriverArea the profile information of the Taxi driver requested.
Output specification	Check if the correct information have been sent.
Environmental needs	I2 succeeded

1.10 Integration Test case I10

Test case identifier	I10
Test item(s)	AccessManager → TaxiDriverArea
Input specification	The AccessManager sends to the TaxiDriverArea the identification data of the Taxi driver logged in.
Output specification	Check if the TaxiDriverArea has built the profile page of the correct Taxi driver logged in.
Environmental needs	I9 succeeded

1.11 Integration Test case I11

Test case identifier	I11
Test item(s)	Access → AccessManager
Input specification	The Access sends to the AccessManager the data that the client has inserted in the input form of the registration or the log in.
Output specification	Check if the AccessManager computes the inputs correctly.
Environmental needs	I1 succeeded

1.12 Integration Test case I12

Test case identifier	I12
Test item(s)	PaymentManager → ChoosePaymentMethod
Input specification	The PaymentManager sends to the ChoosePaymentMethod the data of the Passenger's credit card.
Output specification	Check if the ChoosePaymentMethod computes the inputs correctly.
Environmental needs	I5 succeeded

1.13 Integration Test case I13

Test case identifier	I13
Test item(s)	ChoosePaymentMethod → RequestManager
Input specification	The ChoosePaymentMethod sends to the RequestManager the choice of the Passenger.
Output specification	Check if the RequestManager computes the input correctly.
Environmental needs	I12 succeeded

1.14 Integration Test case I14

Test case identifier	I14
Test item(s)	RequestManager → MakeReservation
Input specification	The RequestManager searches a taxi for a reservation and it sends to the MakeReservation the results.
Output specification	Check if the MakeReservation computes the inputs correctly.
Environmental needs	I4 succeeded

1.15 Integration Test case I15

Test case identifier	I15
Test item(s)	RequestManager → RequestTaxi
Input specification	The RequestManager searches a taxi for a reservation and it sends to the RequestTaxi the results.
Output specification	Check if the RequestTaxi computes the inputs correctly.
Environmental needs	I4 succeeded

1.16 Integration Test case I16

Test case identifier	I16
Test item(s)	RequestTaxi → PassengerArea
Input specification	The RequestTaxi sends an alert message to the PassengerArea when a taxi is found.
Output specification	Check if the PassengerArea computes the message correctly.
Environmental needs	I15 succeeded

1.17 Integration Test case I17

Test case identifier	I17
Test item(s)	MakeReservation → PassengerArea
Input specification	The MakeReservation sends an alert message to the PassengerArea when a taxi is found.
Output specification	Check if the PassengerArea computes the message correctly.
Environmental needs	I14 succeeded

1.18   Integration Test case I18

Test case identifier	I18
Test item(s)	PassengerAreaManager → PassengerArea
Input specification	The PassengerAreaManager sends to the PassengerArea the profile information of the Passenger requested.
Output specification	Check if the correct information have been sent.
Environmental needs	I3 succeeded

1.19   Integration Test case I19

Test case identifier	I19
Test item(s)	AccessManager → PassengerArea
Input specification	The AccessManager sends to the PassengerArea the identification data of the Passenger logged in.
Output specification	Check if the PassengerArea has built the profile page of the correct Passenger logged in.
Environmental needs	I1 succeeded

1.20   Integration Test case I20

Test case identifier	I20
Test item(s)	Access → AccessManager
Input specification	The Access sends to the AccessManager the data that the client has inserted in the input form of the registration or the log in.
Output specification	Check if the AccessManager computes the inputs correctly.
Environmental needs	I19 succeeded