Chapter 1			
1	ciao	ciao	
ists Available Taxi Driver (request, zone):	ciao ciao ciao ciao	ciao	
isota rando campirro (roqueso, 2010).	ciao		
	ciao	ciao	
	ciao	ciao	
istsAvailableTaxiDriver(request, zone):	ciao ciao	ciao ciao	
asdoabdso asdonadon aosndaond		1	

Chapter 2			
	ciao ciao ciao ciao ciao	ciao ciao	
existsAvailableTaxiDriver(request, zone):	ciao	Clao	
	ciao	ciao	
	ciao	ciao	
existsAvailableTaxiDriver(request, zone):	ciao	ciao	
one of the second secon	ciao	ciao	
Table 2.1: R, C ripple s			

3

existsAvailableTaxiDriver(request, zone)		
I: an array of zones O: the zone are inserted in the databas		
ciao ciao ciao ciao ciao		
existsAvailableTaxiDriver(request, zone)		
I: an array of zones	O: the zone are inserted in the database	
ciao ciao ciao ciao ciao	ciao	

Table 3.1: R, C ripple size

asdoabdso asdonadon aosndaond

Taxi Management System

(Caller, Called)

4.1 Request Management, Data Access Utilities

insertRequest()	
null reservations	
updateReservationList	

4.2 Reservation Management, Data Access Utilities

insertReservation(passengerId, origin, destination, date, time)		
a null parameter	NullPointerException	
valid arguments	the reservation is inserted in the	
	databases	
updateReservationList		
null	NullPointerException	
valid	inserted in DB	

4.3 Taxi Management, Data Access Utilities Management

updateQueues	
a null parameter	NullPointerException
an array containing some null	exception
values	
array of queues, with some	NullPointerException
queues containing null values	
valid arguments	ok
updateLocation	
null	NullPointerException
valid	inserted in DB
updateTaxiStatus	
null	NullPointerException
valid	inserted in DB

4.4 Taxi Management, Location Management

isLocationInsideCity(location)		
a null parameter	NullPointerException	
an invalid location (can a lo-	error	
cation be non existing?)		
location outside city	false	
location inside city	true	
getZone(location)		
null	NullPointerException	
an invalid location	error	
a location outside the city	error	
a location inside the city	ok	

4.5 Reservation Management, Location Management

getZone(location)		
null	NullPointerException	
an invalid location	error	
a location outside the city	error	
a location inside the city	ok	
checkTaxiDriverLocation(currentLocation, meetingPoint)		
null	NullPointerException	
an invalid location	error	
a location outside the city	error	
a location inside the city	ok	
	•	

4.6 Reservation Management, Request Management

requestTaxi(passengerId, passengerLocation, destination)		
null	NullPointerException	
invalid format for passengerId	error	
invalid format for passenger-	error	
Location		
invalid format for destination	error	
invalid values (?)	error	
passengerLocation outside	error	
city		
valid values	ok	

null	axiDriver(request, zone)
11411	NullPointerException
invalid fields of request (???)	error
invalid format for passenger-	error
Location	
invalid format for destination	error
invalid values (?)	error
passengerLocation outside	error
city	
valid values	ok
	getETA
invalid values (?)	error
	riverDropped
invalid values (?)	error
$\operatorname{sendCurrentLoc}$	eation(taxiId, location)

System Administration

5.1 Zone Management, Data Access Utilities

insertZones	
I: an array of zones	O: the zone are inserted in the
	database
a null value	error
an array containing some null	exception
values	
valid arguments	the reservation is inserted in the
	databases
updateZone a zone	
null	NullPointerException
valid	inserted in DB
(?) updateTaxiDriver	
null	NullPointerException
valid	inserted in DB
(?)insertSingleZone	
(?) getZoneList	
(?) insertNewPassenger	
(?) updatePassengerData	
(?) logins	
(?) getPassengerPassword	

5.2 API Permission Management, Data Access Utilities

Q

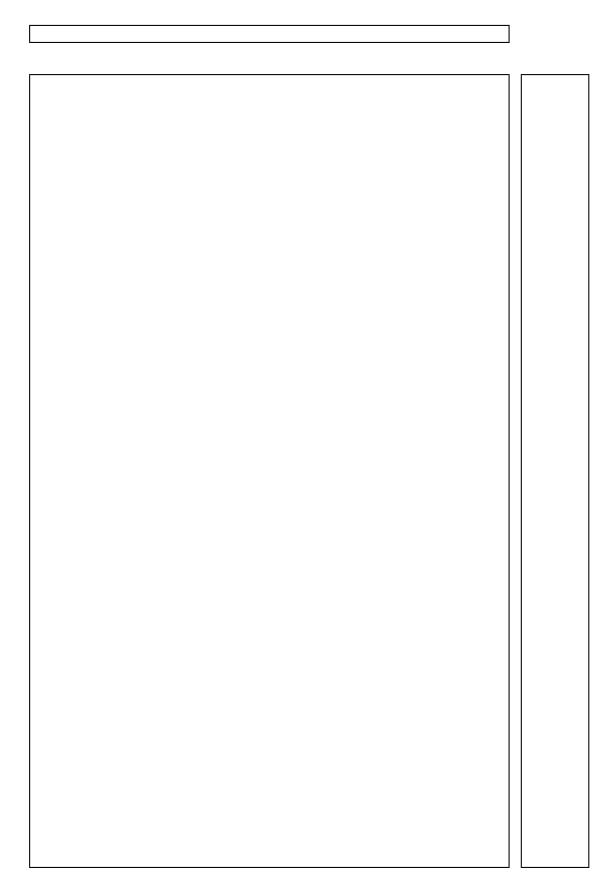
5.3 Taxi Driver Management

5.3.1 Data Access Utilities

insertTaxiDrivers		
a null parameter	NullPointerException	
an array containing some null	exception	
values		
valid arguments	the reservation is inserted in the	
	databases	
(for single taxi driver) insertTaxiDriver		
null	NullPointerException	
valid	inserted in DB	
(?) updateTaxiDriver		
null	NullPointerException	
valid	inserted in DB	

Account Management

- 6.1 Passenger Registration, Data Access Utilities
- 6.2 Login, Data Access Utilities
- 6.3 Password Retrieval, Data Access Utilities
- 6.4 Settings Management, Data Access Utilities



Component-Component Integration

7.1 Remote Services Interface, Taxi Management System

requestTaxi(passengerId, passengerLocation, destination)						
a null parameter	NullPointerException					
a passengerId not conform	exception					
with the specifics						
a passengerLocation outside	exception					
the city						
an passengerLocation whose	exception					
address doesn't exist						
a destination						
valid arguments	ok					
endRide(taxiId, currentLocation)						
a null parameter	NullPointerException					
invalid taxiId	error					
non existing taxiId	error					
non existing currLOc	error					
endRide(taxiId, currentLocation)						
null	error					
invalid taxiId	error					
non existing taxiId	error					
invalid currLoc						
non existing currLOc						
togglePressed(taxiDriverId)						

invalid	10
null	
non existing	

Remote Servicement		
ertPassenger		
latePassenger		
etePassenger		
		1 1

7.3 Remote Services	s Interface,	System	Adminis-	
tration	,	v		
checkPassword(adminId, passw	vord)			
null				
invalid				
non-existing adminId				
verifyPermission(appId, operate	tion)			
null				
invalid				
non existing appId				
operation not existing(???)				
permission not given to appId				
for the operation				
permission granted				
15 + (1 +)				
sendData(data)				
invalid format				
null				
wrong data				
insertZones				
invalid format				
null				
wrong data				
askZoneList				
1 / 7				
updateZone				
:1: 1 £				
invalid format				
null				
wrong data				
incont				
insert,	T .			
invalid format				
null				
wrong data				
wrong data				