Users can interact with the system through the views. In particular MTSPassengerWebView (using website) and MTSPassengerMobileView (using mobile application) permit the passenger to have an interaction with the system and MTSTaxiDriverMobileView permits taxi driver to have an interaction with the system. In both cases this interaction takes place through the objects contained in User Interface Design.

So the views manage the actions the user makes in particular through buttons, links and icons which refer to methods.

All the information acquired from the interfaces is sent to the respective controller (MTSPassengerWebController, MTSPassengerMobileController or MTSTaxiDriverMobileView) that transmits it to MTSModel.

Hereafter is showed to which method of the Model each event of the interfaces refer

Image 6.1

loginButtonPushed() → login(String, String): Passenger, login(String, String): TaxiDriver

createPassengerLinkClicked()

createDriverLinkClicked()

Image 6.2

subscribeButtonPushed() → createAccount(Passenger): Passenger

Image 6.3

makeRequestButtonPushed()

pendingRequestsButtonPushed()

editProfileLinkClicked()

notificationIconPushed()

Image 6.4

saveButtonPushed() → editAccount(Passenger): Passenger

cancelButtonPushed()

editPictureLinkClicked()

notificationIconPushed()

Image 6.5

cancelButtonPushed()

submitButtonPushed() → receiveRequest(RequestForService): boolean

Image 6.6

cancelRequestButtonPushed() → cancelRequest(String): boolean

mapButtonPushed() → getMap(GPSPosition): Map

arrowIconPushed()

Image 6.7

arrowIconPushed()

Image 6.8

subscribeButtonPushed() → createAccount(TaxiDriver): TaxiDriver

Image 6.9

changeAvailabilityButtonPushed()

acceptedRequestsButtonPushed()

pendingRequestsButtonPushed()

mapButtonPushed() → getMap(GPSPosition): Map

editProfileLinkClicked()

notificationIconPushed()

Image 6.10

arrowIconPushed()

Image 6.11

cancelButtonPushed()

saveButtonPushed() → setAvailability(boolean, String): void

Image 6.12

cancelRequestButtonPushed() → cancelRequest(String): void

arrowIconPushed()

Image 6.13

acceptRequestButtonPushed() → answerRequest(String, boolean): void

ignoreRequestButtonPushed() → answerRequest(String, boolean): void

arrowIconPushed()

Image 6.14

cancelButtonPushed()

saveButtonPushed() → editAccount(int, String, String, String): void

editPictureLinkClicked()

notificationIconPushed()