MYES Bus Ticketing System
Test Cases

Revision History

Date	Author(s)	Description	Version
03/05/2021	Yiğit Erkal Eren Erol	Initial Version	v1.0
09/05/2021	Yiğit Erkal Eren Erol	Revision	v1.1
30/05/2021	Yiğit Erkal Eren Erol	Test cases for the passenger user role are added.	v1.2

05/06/2021	Yiğit Erkal Eren Erol	Iteration3 reviews are updated in the document.	v1.3

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-01	Bus company user wants to login to the system with correct credentials.	Bus company user has to be registered to the system previously and knows their credentials.	User is logged in successfully to the system	Valid username and password.
MYES-TC-01-a	Passenger user wants to login to the system with correct credentials.	Passenger has to be registered to the system previously and knows their credentials.	User is logged in successfully to the system	Valid username and password.
MYES-TC-02	Passenger, Bus company user, Admin, Staff wants to login to the system with incorrect credentials.	User has to be registered to the system previously and knows their credentials.	System warns the actor by a message.	Valid username and invalid password.
MYES-TC-03	Passenger, Bus company user, Admin, Staff wants to login to the system with	User has to be registered to the system previously and knows their credentials.	System warns the actor by a message.	Invalid username and valid password.

	incorrect credentials.			

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-04	User wants to add a new trip with correct credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Trip is created	Bus, Driver, From City, To City, Trip Date
MYES-TC-05	User wants to add a new trip without date credential	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Trip cannot be created	Bus, Driver, From City, To City
MYES-TC-06	User wants to add a new trip with all required credentials	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Trip is created	Bus, Driver, From City, To City, Trip Date with the existing ones.
MYES-TC-07	User wants to update an existing trip whose credentials already in the system	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one trip.	Trip is updated	Bus, Driver or From City or To City or Trip Date with the existing ones.
MYES-TC-08	User wants to update an existing trip with correct credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one trip.	Trip is not updated	Bus, Driver, To City, Trip Date

MYES-TC-09	User wants to retrieve an existing trip's details.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one trip.	One or more trips are retrieved.	NA
MYES-TC-10	User wants to delete an existing trip	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one trip.	The trip is deleted.	NA
MYES-TC-11	User wants to delete a trip whose tickets have already been purchased.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one trip which has already been purchased.	The trip cannot be deleted.	NA
Test Case ID	**Description**	**Pre Conditions**	**Post Conditions**	**Required Data**
MYES-TC-12	User wants to add a new driver with valid credentials	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Driver is created	Name, date of birth, years of experience
MYES-TC-13	User wants to add a new driver with name which is already in the system	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Driver is not created	Name, date of birth, years of experience

		There is already driver whose name is "Ali Yılmaz".		
MYES-TC-14	User wants to update a driver with valid credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one driver.	The driver is updated	Name, date of birth, years of experience
MYES-TC-15	User wants to update a driver without years of experience field..	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one driver.	The driver is not updated	Name, date of birth
MYES-TC-16	User wants to retrieve an existing driver's details	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one driver.	One or more drivers are retrieved	NA
MYES-TC-17	User wants to delete an existing driver	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one driver.	The driver is deleted.	NA
MYES-TC-18	User wants to delete a driver whose trips are already exist.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one driver.	The driver is not deleted.	NA

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-19	User wants to add a new bus with valid credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Bus is created	Plate text, Brand name, status
MYES-TC-20	User wants to add a new bus without entering plate text field.	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Bus is not created	Brand name, status
MYES-TC-21	User wants to add a new bus with plate number which is already saved in the system.	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Bus is not created	Plate text,Brand name, status
MYES-TC-22	User wants to update a bus with valid credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one bus.	Bus is updated	Plate text,Brand name, status
MYES-TC-23	User wants to update a bus with empty plate text field.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one bus.	Bus is not updated	Plate text

MYES-TC-24	User wants to delete an existing bus which has no trip.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one bus.	The bus is deleted.	NA
MYES-TC-25	User wants to delete a bus whose trips are already exist.	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one bus.	The bus is not deleted.	NA
MYES-TC-26	User wants to retrieve an existing bus's details	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is at least one bus.	One or more buses are retrieved	NA
MYES-TC-27	User wants to sign up with valid credentials.	User hasn't registered yet	User is signed up successfully to the system.	Username, E-mail, Password, Name
MYES-TC-28	User wants to sign up with username which is already saved in the system.	User has already registered. TC-27 should be already performed.	User cannot sign up to the system.	Username, E-mail, Password, Name
MYES-TC-29	User wants to sign up with invalid password	User hasn't registered yet	User cannot sign up to the system.	Username, E-mail, Password, Name
MYES-TC-30	User wants to search for a trip with valid credentials.	User is logged in successfully to the system with Passenger role and	One or more trips are displayed	From city, To city, Bus company, When do you want to travel

		authenticated with the privileges to search a trip.		
MYES-TC-31	User wants to search for a trip with valid credentials.	User is logged in successfully to the system with Passenger role and authenticated with the privileges to search a trip.	One or more trips are displayed	From city, To city, Bus company, When do you want to travel
MYES-TC-32	User wants to search for a trip with credentials which is not match the recordings in the system	User is logged in successfully to the system with Passenger role and authenticated with the privileges to search a trip.	Zero trips are displayed	From city, To city, Bus company, When do you want to travel
MYES-TC-33	User wants to make a reservation with valid credentials.	User is logged in successfully to the system and authenticated with the privileges to manage trips and performs search a trip action.	Reservation is created successfully.	Seat no
MYES-TC-34	User wants to make a reservation with invalid seat number	User is logged in successfully to the system and authenticated with the privileges to manage trips and performs search a trip action.Trip number 9 should be created and seat no 30 should be empty already	Reservation cannot created.	Seat no

MYES-TC-35	User wants to make a reservation with trip and seat no which is already exist in the system.	User is logged in successfully to the system and authenticated with the privileges to manage trips and performs search a trip action. Trip number 9 should be created already. Seat is already reserved before.	Reservation cannot created.	Seat no
MYES-TC-36	User wants to delete(cancel) an existing reservation	User is logged in successfully to the system and authenticated with the privileges to manage trips. Seat is already reserved before.	Reservation is deleted.	NA
MYES-TC-37	User wants to update an existing reservation	User is logged in successfully to the system and authenticated with the privileges to manage trips. Seat is already reserved before.	Reservation is updated.	Seat no
MYES-TC-38	User wants to buy a ticket with correct credentials.	User is logged in successfully to the system and authenticated with the privileges to buy a ticket.	Ticket is bought.	E-mail, Credit Card Number, Expire Date, CVC, Name on card, Country or Region
MYES-TC-39	User wants to buy a ticket without reserving any ticket..	User is logged in successfully to the system and authenticated with the privileges to buy a ticket. No reserved ticket is available.	Ticket cannot bought.	E-mail, Credit Card Number, Expire Date, CVC, Name on card, Country or Region