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

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-01	Passenger, Bus company user, Admin, Staff wants to login to the system.	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-02	Passenger, Bus company user, Admin, Staff wants to login to the system.	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.	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.

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-04	User wants to add a new trip	User is logged in successfully to the system	One or more trips are created	Bus, Driver, From City, To City, Trip Date

		and authenticated with the privileges to manage trips.		
MYES-TC-05	User wants to add a new trip	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	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	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	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 trip 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 a trip	User is logged in successfully to the system	One or more trips are deleted.	NA

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
		and authenticated with the privileges to manage trips. There is at least one trip.		
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.	One or more trips cannot be deleted.	NA
Test Case ID	**Description**	**Pre Conditions**	**Post Conditions**	**Required Data**
MYES-TC-12	User wants to add a new driver	User is logged in successfully to the system and authenticated with the privileges to manage trips.	One or more drivers are created	Name, date of birth, years of experience
MYES-TC-13	User wants to add a new driver	User is logged in successfully to the system and authenticated with the privileges to manage trips. There is already driver whose name is "Ali Yılmaz".	One or more drivers cannot be created.	Name, date of birth, years of experience
MYES-TC-14	User wants to update a driver	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 updated	Name, date of birth, years of experience

Test Case ID	Description	Pre Conditions	Post Conditions	Required Data
MYES-TC-15	User wants to update a driver	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 not updated.	Name, date of birth
MYES-TC-16	User wants to retrieve driver 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 a driver	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 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.	One or more drivers cannot be deleted.	NA
Test Case ID	**Description**	**Pre Conditions**	**Post Conditions**	**Required Data**
MYES-TC-19	User wants to add a new bus	User is logged in successfully to the system and authenticated with the privileges to manage trips.	One or more buses are created	Plate text, Brand name, status

MYES-TC-20	User wants to add a new bus	User is logged in successfully to the system and authenticated with the privileges to manage trips.	One or more buses cannot be created.	Brand name, status
MYES-TC-21	User wants to add a new bus	User is logged in successfully to the system and authenticated with the privileges to manage trips.	One or more buses cannot be created.	Plate text,Brand name, status
MYES-TC-22	User wants to update a bus	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 updated	Plate text,Brand name, status
MYES-TC-23	User wants to update a bus	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 not updated.	Plate text
MYES-TC-24	User wants to delete a bus	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 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.	One or more buses cannot be deleted.	NA

MYES-TC-26	User wants to retrieve bus 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	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	User has already registered.	User cannot sign up to the system.	Username, E-mail, Password, Name
MYES-TC-29	User wants to sign up	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.	User is logged in successfully to the system with Passenger role and authenticated with the privileges to search a trip.	Zero or more trips are displayed	From city, To city, Bus company, When do you want to travel
MYES-TC-31	User wants to search for a trip.	User is logged in successfully to the system with Passenger role and authenticated with the privileges to search a trip.	Zero 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.	User is logged in successfully to the system with Passenger role and authenticated with the privileges to search a trip.	Zero or more trips are displayed	From city, To city, Bus company, When do you want to travel

MYES-TC-33	User wants to make a reservation	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	User is logged in successfully to the system and authenticated with the privileges to manage trips and performs search a trip action.	Reservation cannot created.	Seat no
MYES-TC-35	User wants to make a reservation	User is logged in successfully to the system and authenticated with the privileges to manage trips and performs search a trip action. Seat is already reserved before.	Reservation cannot created.	Seat no
MYES-TC-36	User wants to delete(cancel) a 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 a reservation	User is logged in successfully to the system and authenticated with the privileges to manage trips.	Reservation is updated.	Seat no

		Seat is already reserved before.		
MYES-TC-38	User wants to buy a ticket.	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.	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