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## CSE343 – SOFTWARE ENGINEERING

### PROJECT REPORT: TEST CASES

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#### WAREHOUSE RAMP TRACKING SYSTEM



#### TEAM: GRUP FATİH

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Test Scenario ID	TS01_TC1
Test Scenario	Logging In to the System
Test Case 1	Check response on entering valid agent email and password
Preconditions	Must be registered in the system
Test Steps	Go to the website's login page Enter user email Enter password Click "Login" button
Test Data	User email to login: testemail User password to login: testpassword Expected Result
Expected Result	Login must be successful

Test Scenario ID	TS02_TC1
Test Scenario	Logging Out of the System
Test Case 1	Check if the user logs out upon pressing the login button
Preconditions	- Must be registered in the system
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on the personal section on the top right</li> <li>- Click on the logout button from the section that opens</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- Logout must be successful</li> <li>- The user must be directed to the login page</li> </ul>

Test Scenario ID	TS03_TC1
Test Scenario	Forgot Password Procedure
Test Case 1	- Check if the user receives an email with a random password and the password changes in the database
Preconditions	- Must be registered in the system
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Click on the "Forgot password?" button</li> <li>- Enter the email</li> <li>- Click on the "Send" button</li> </ul>
Test Data	- User email to login: hakbal@gtu.edu.tr
Expected Result	<ul style="list-style-type: none"> <li>- A new password must be provided via email</li> <li>- The user's password must have also changed in the database</li> </ul>

Test Scenario ID	TS04_TC1
Test Scenario	Updating Profile
Test Case 1	Check if the user receives an email with a random password and the password changes in the database
Preconditions	- The user must be registered in the system
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on the personal section on the top right</li> <li>- click on the "profile" button from the section that opens</li> <li>- Enter new email</li> <li>- Enter new password</li> <li>- Enter new phone number</li> <li>- Enter new name</li> <li>- Enter new surname</li> <li>- Click on the "Save" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New user email: testemail</li> <li>- New user password: testpassword</li> <li>- New phone number: testphonenumber</li> <li>- New name: testname</li> <li>- New surname: testsurname</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must be updated in the database</li> <li>- The system should display an information that the update has been successful</li> </ul>

Test Scenario ID	TS04_TC2
Test Scenario	Updating Profile
Test Case 2	Check the response of the system upon entering an email that exists on the database
Preconditions	- The user must be registered in the system
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on the personal section on the top right</li> <li>- click on the "Profile" button from the section that opens</li> <li>- Enter new your user information</li> <li>- Click on the "Save" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New user email: <a href="mailto:hakbal@gtu.edu.tr">hakbal@gtu.edu.tr</a> (an email which exists in the database)</li> <li>- New user password: 6669</li> <li>- New phone number: 5510705985</li> <li>- New name: Test name</li> <li>- New surname: Test Surname</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must not be changed in the database</li> <li>- The system should display an information that the update has been failed</li> </ul>

Test Scenario ID	TS05_TC1
Test Scenario	Admin - Account Creation
Test Case 1	Check if the account is created upon entering valid information
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Add a User" button</li> <li>- Enter new user's email</li> <li>- Enter new user's name</li> <li>- Enter new user's surname</li> <li>- Enter new user's phone number</li> <li>- Choose the department of the user</li> <li>- Click on the "Create" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- New user email: hakbal@gtu.edu.tr</li> <li>- New user password: 6669</li> <li>- New phone number: 5510705985</li> <li>- New name: Halis Kemal</li> <li>- New surname: Akbal</li> <li>- Department: Dispatcher</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must be added to the database</li> <li>- The application must inform the user that the user has been added to the system</li> </ul>

Test Scenario ID	TS05_TC2
Test Scenario	Admin - Account Creation
Test Case 2	Check the response of the system upon creating an account with an existing email
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Add a User" button</li> <li>- Enter new user's email</li> <li>- Enter new user's name</li> <li>- Enter new user's surname</li> <li>- Enter new user's phone number</li> <li>- Choose the department of the user</li> <li>- Click on the "Create" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New user email: hakbal@gtu.edu.tr</li> <li>- New user password: 6669</li> <li>- New phone number: 5510705985</li> <li>- New name: Halis Kemal</li> <li>- New surname: Akbal</li> <li>- Department: Dispatcher</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must not be added into the database</li> <li>- The application must inform the user that the email was used</li> </ul>



Test Scenario ID	TS05_TC2
Test Scenario	Admin - Account Creation
Test Case 2	Check the response of the system upon creating an account with an existing email
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Add a User" button</li> <li>- Enter new user's email</li> <li>- Enter new user's name</li> <li>- Enter new user's surname</li> <li>- Enter new user's phone number</li> <li>- Choose the department of the user</li> <li>- Click on the "Create" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New user email: hakbal@gtu.edu.tr</li> <li>- New user password: 6669</li> <li>- New phone number: 5510705985</li> <li>- New name: Halis Kemal</li> <li>- New surname: Akbal</li> <li>- Department: Dispatcher</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must not be added into the database</li> <li>- The application must inform the user that the email was used</li> </ul>

Test Scenario ID	TS05_TC3
Test Scenario	Admin - Account Creation
Test Case 3	Check the response of the system upon creating an account with empty input
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Add a User" button</li> <li>- Click on the "Create" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must not be added into the database</li> <li>- The application must inform the user that there are empty spaces to be filled</li> </ul>

Test Scenario ID	TS06_TC1
Test Scenario	Admin - Account Removal
Test Case 1	Check if the user account gets removed from the system
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Delete a User" button</li> <li>- Click on the delete button next to the user that will be removed</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The user account must be removed from the system

Test Scenario ID	TS07_TC1
Test Scenario	Admin - Updating User Information
Test Case 1	Check the response of the system upon updating an account
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Update a User" button</li> <li>- Enter new email</li> <li>- Enter new phone number</li> <li>- Enter new name</li> <li>- Enter new surname</li> <li>- Enter new password</li> <li>- Choose a new department</li> <li>- Click on the "Update" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New phone number: testphonenumber</li> <li>- New name: testname</li> <li>- New surname: testsurname</li> <li>- New user password: testpassword</li> <li>- New department: Dispatcher</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must be changed</li> <li>- The system should display an information that the update has been successful</li> </ul>

Test Scenario ID	TS07_TC2
Test Scenario	Admin - Updating User Information
Test Case 2	Check the response of the system upon updating an account with an existing email
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click on "Update a User" button</li> <li>- Enter new email</li> <li>- Enter new phone number</li> <li>- Enter new name</li> <li>- Enter new surname</li> <li>- Enter new password</li> <li>- Choose a new department</li> <li>- Click on the "Update" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: hakbal@gtu.edu.tr</li> <li>- User password to login: 6669</li> <li>- New user email: hakbal@gtu.edu.tr</li> <li>- New phone number: testphonenumber</li> <li>- New name: testname</li> <li>- New surname: testsurname</li> <li>- New user password: testpassword</li> <li>- New department: Dispatcher</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The user information must not be changed</li> <li>- The system should display an information that the update has been failed</li> </ul>

Test Scenario ID	TS8_TC1
Test Scenario	Admin - Listing Users of the System
Test Case 1	Check the response of the system upon pressing the "List Users" button
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Users" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- Users must be listed successfully

Test Scenario ID	TS9_TC1
Test Scenario	Admin - Searching for a User in the User List
Test Case 1	Check the response of the system upon searching a user in the user list
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Users" button</li> <li>- Enter a user email in the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- User with the matching email must be listed

Test Scenario ID	TS10_TC1
Test Scenario	Admin - Managing Ramps
Test Case 1	Check the response of the system upon changing the number of ramps with a valid number (positive numbers)
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Manage Ramps" button</li> <li>- Enter the number of ramps</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- New ramp count: 40</li> </ul>
Expected Result	- The ramp count must be updated in the system



Test Scenario ID	TS10_TC2
Test Scenario	Admin - Managing Ramps
Test Case 2	Check the response of the system upon changing the number of ramps with an invalid number (negative numbers)
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Manage Ramps" button</li> <li>- Enter the number of ramps</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- New ramp count: -40</li> </ul>
Expected Result	- The ramp count must not be updated in the system

Test Scenario ID	TS11_TC1
Test Scenario	Admin - Managing Parking Spots
Test Case 1	Check the response of the system upon changing the number of parking spots with a valid number (positive numbers)
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Manage Parking Lot" button</li> <li>- Enter the number of parking spots</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- New parking spots count: 40</li> </ul>
Expected Result	- The parking spot count must be updated in the system

Test Scenario ID	TS11_TC2
Test Scenario	Admin - Managing Parking Spots
Test Case 2	Check the response of the system upon changing the number of parking spots with an invalid number (negative numbers)
Preconditions	- The user must be registered as an Admin
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Manage Parking Lot" button</li> <li>- Enter the number of parking spots</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- New parking spots count: -40</li> </ul>
Expected Result	- The parking spots count must not be updated in the system

Test Scenario ID	TS12_TC1
Test Scenario	Dispatcher - Adding New Vehicles
Test Case 1	Check the response of the system upon registering a new vehicle
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Add New Vehicle" button</li> <li>- Enter plate number</li> <li>- Enter trailer number</li> <li>- Enter driver name</li> <li>- Enter driver surname</li> <li>- Enter driver language</li> <li>- Enter driver phone number</li> <li>- Enter driver citizenship no</li> <li>- Click "Register" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> <li>- Trailer number: testtrailernumber</li> <li>- Driver name: testdrivername</li> <li>- Driver surname: testdriversurname</li> <li>- Driver language: testdriverlanguage</li> <li>- Driver phone number: testdriverphonenumber</li> <li>- Driver citizenship no: testdrivercitizenshipno</li> </ul>
Expected Result	- The vehicle must be added to the system

Test Scenario ID	TS12_TC2
Test Scenario	Dispatcher - Adding New Vehicles
Test Case 2	Check the response of the system upon registering a new vehicle with empty inputs
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Add New Vehicle" button</li> <li>- Click "Register" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The vehicle must not be added to the system

Test Scenario ID	TS13_TC1
Test Scenario	Dispatcher - Listing Vehicles
Test Case 1	Check if the vehicles are listed upon clicking "List Vehicles" button
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Vehicles" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The vehicle list must be displayed

Test Scenario ID	TS14_TC1
Test Scenario	Dispatcher - Searching a Vehicle in the Vehicle List
Test Case 1	Check the response of the system upon searching a vehicle by the plate number
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Vehicles" button</li> <li>- Enter the vehicle plate number in the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The vehicles with the matching plate number must be listed and displayed

Test Scenario ID	TS15_TC1
Test Scenario	Dispatcher - Displaying the Vehicles According to the Chosen Date
Test Case 1	Check the response of the system upon listing the vehicles with the chosen date
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Vehicles" button</li> <li>- Click on the dates button</li> <li>- Choose a date</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The vehicles with the matching date must be displayed



Test Scenario ID	TS16_TC1
Test Scenario	Dispatcher - Listing Ramps
Test Case 1	Check if the ramps are listed upon clicking on the "List Ramps" button
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The ramp list must be displayed

Test Scenario ID	TS17_TC1
Test Scenario	Dispatcher - Searching for a Vehicle in the Ramp List
Test Case 1	Check the response of the system upon searching a vehicle by the plate number
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> <li>- Enter the vehicle plate number in the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The ramps with the matching plate number must be listed and displayed

Test Scenario ID	TS18_TC1
Test Scenario	Dispatcher - Listing Parking Lot
Test Case 1	Check if the parking spots are listed upon clicking on the "List Parking Spots" button
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Parking Spots" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The parking lot list must be displayed

Test Scenario ID	TS19_TC1
Test Scenario	Dispatcher - Searching for a Vehicle in the Parking Lot List
Test Case 1	Check the response of the system upon searching a vehicle by the plate number
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Parking Spots" button</li> <li>- Enter the vehicle plate number in the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The parking spots with the matching plate number must be listed and displayed

Test Scenario ID	TS20_TC1
Test Scenario	Dispatcher - Adding description to the vehicles
Test Case 1	Check if the vehicle description is correctly added
Preconditions	- The user must be registered as a Dispatcher
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Vehicles" button</li> <li>- Click on the "Add Description" button next to the desired vehicle</li> <li>- Enter Description</li> <li>- Click "Update" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Description: testdescription</li> </ul>
Expected Result	- The description must be added to the chosen vehicle

Test Scenario ID	TS21_TC1
Test Scenario	Ramp Staff - Listing Ramps
Test Case 1	Check if the ramps are listed upon clicking on the "List Ramps" button
Preconditions	- The user must be registered as a Ramp Staff
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The ramp list must be displayed

Test Scenario ID	TS22_TC1
Test Scenario	Ramp Staff - Searching a Vehicle in the Vehicle List
Test Case 1	Check the response of the system upon searching a vehicle by the plate number
Preconditions	- The user must be registered as a Ramp Staff
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Vehicles" button</li> <li>- Enter the vehicle plate number in the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The vehicles with the matching plate number must be listed and displayed

Test Scenario ID	TS23_TC1
Test Scenario	Ramp Staff - Calling a Vehicle to a Ramp
Test Case 1	Check the response of the system upon sending a notification to the driver to come to a ramp
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered as a Ramp Staff</li> <li>- The vehicle must be in the parking lot</li> <li>- The chosen ramp must be available</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> <li>- Click "Call a Vehicle" button next to an available ramp</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The driver must receive a notification with the ramp id



Test Scenario ID	TS24_TC1
Test Scenario	Ramp Staff - Assigning a Vehicle to a Ramp
Test Case 1	Check the response of the system upon assigning a vehicle to a ramp
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered as a Ramp Staff</li> <li>- The vehicle must have come to the ramp</li> <li>- The chosen ramp must be available</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> <li>- Click "Assign a Vehicle" button next to an available ramp</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	<ul style="list-style-type: none"> <li>- The vehicle must be added to the ramp</li> <li>- The ramp status must change to unavailable</li> <li>- The ramp row color must turn red</li> <li>- The vehicle state must change</li> </ul>

Test Scenario ID	TS25_TC1
Test Scenario	Ramp Staff - Notifying the Security
Test Case 1	Check the response of the system upon sending a notification to the security for a non-responding driver
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered as a Ramp Staff</li> <li>- The vehicle must be in the parking lot</li> <li>- The driver of the vehicle must be non-responsive to the call of the ramp staff</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> <li>- Click "Notify Security" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The security must receive a notification with the vehicle plate number

Test Scenario ID	TS26_TC1
Test Scenario	Ramp Staff - Changing States of a Vehicle
Test Case 1	Check the response of the system upon changing a vehicle's state
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered as a Ramp Staff</li> <li>- Only one of the following must be true: <ul style="list-style-type: none"> <li>- The vehicle is next to the ramp before ramp staff perform an assign vehicle operation</li> <li>- The vehicle is in the ramp</li> </ul> </li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "List Ramps" button</li> <li>- Click on the "Assign a Vehicle" button or the "Next Step" button next to a ramp with the desired vehicle</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The status of the vehicle must change to the next state

Test Scenario ID	TS27_TC1
Test Scenario	Security - Listing the Parking Lot
Test Case 1	Check if the parking lot is correctly listed
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Parking Lot" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The parking lot spots must be shown in a tabular form

Test Scenario ID	TS28_TC1
Test Scenario	Security - Searching for a Vehicle in the Parking Lot List
Test Case 1	Check response upon entering a vehicle's plate number
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Parking Lot" button</li> <li>- Enter plate number on the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The vehicle with the corresponding plate number must be listed

Test Scenario ID	TS29_TC1
Test Scenario	Security - Listing the Vehicles
Test Case 1	Check if the vehicle list is displayed correctly
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Vehicle List" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The vehicle list must be shown in a tabular form

Test Scenario ID	TS30_TC1
Test Scenario	Security - Searching a Vehicle in the Vehicle List
Test Case 1	Check response upon entering a vehicle's plate number
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Vehicle List" button</li> <li>- Enter plate number on the search bar</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The vehicle with the corresponding plate number must be listed

Test Scenario ID	TS31_TC1
Test Scenario	Security - Changing the Arrival Time of a Vehicle
Test Case 1	Check if the vehicle's Arrival Time information is changed
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Vehicle List" button</li> <li>- Click the edit button next to the vehicle on the list</li> <li>- Enter the arrival time</li> <li>- Click "Confirm"</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Arrival Time: &lt;Current date and time&gt;</li> </ul>
Expected Result	- The arrival time of the vehicle must be changed in the database



Test Scenario ID	TS32_TC1
Test Scenario	Security - Changing the Departure Time of a Vehicle
Test Case 1	Check if the vehicle's Departure Time information is changed
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Vehicle List" button</li> <li>- Click the edit button next to the vehicle on the list</li> <li>- Enter the departure time</li> <li>- Click "Confirm"</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Departure Time: &lt;Current date and time&gt;</li> </ul>
Expected Result	- The departure time of the vehicle must be changed in the database

Test Scenario ID	TS33_TC1
Test Scenario	Security - Adding a Vehicle to a Parking Spot
Test Case 1	Check if the vehicle is added to the parking spot with correct vehicle information
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> <li>- There has to be an available parking spot</li> <li>- The vehicle's arrival time must be entered</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Parking Lot" button</li> <li>- Click "Assign Vehicle" button next to the corresponding available parking spot</li> <li>- Enter vehicle plate number</li> <li>- Click confirm</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- Vehicle is added to the parking spot and the parkings spot becomes unavailable

Test Scenario ID	TS33_TC2
Test Scenario	Security - Adding a Vehicle to a Parking Spot
Test Case 2	Check response upon entering the plate number of a vehicle which doesn't have its arrival time entered
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> <li>- There has to be an available parking spot</li> <li>- The vehicle's arrival time must be entered</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Parking Lot" button</li> <li>- Click "Assign Vehicle" button next to the corresponding available parking spot</li> <li>- Enter vehicle plate number</li> <li>- Click confirm</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> <li>- Plate number: testplatenumber</li> </ul>
Expected Result	- The vehicle is not added to the parking spot and the parking spot stays available

Test Scenario ID	TS34_TC1
Test Scenario	Security - Changing the order of the Vehicles
Test Case 1	Check response upon clicking the "Change Order" button
Preconditions	<ul style="list-style-type: none"> <li>- The user must be registered by the admin</li> <li>- The user type must be Security</li> <li>- The vehicle must be in the parking lot</li> </ul>
Test Steps	<ul style="list-style-type: none"> <li>- Go to the website's login page</li> <li>- Enter user email</li> <li>- Enter password</li> <li>- Click "Login" button</li> <li>- Click "Parking Lot" button</li> <li>- Click "Change Order" button</li> </ul>
Test Data	<ul style="list-style-type: none"> <li>- User email to login: testemail</li> <li>- User password to login: testpassword</li> </ul>
Expected Result	- The first and the second vehicles' waiting orders are swapped and the ramp staff is notified