

# parking-manager:3.1.0 HL Software Test Plan

Application for managing the parking lot. Multiple users can manage the parking; history will show all parking events of the specific user. There is ability to add image of the vehicle.

## Login procedure:

Test login with wrong username and password

All internal data like history and active parking events should be specific for the user logged in.

Multiple users should be able connect to the system at the same time

## Dashboard tab

Test all length of the license plates: 5, 6, 7 and 8 digits this is all relevant scenarios,

License plates of the same number should not be valid as license plates with all identical digits

License plate field is mandatory and if there is no input relevant popup window should appear

All languages should be according to the relevant geographic zone or according chosen language by user, all titles on same language

Date and time should be automatically updated to common according to setup of time zone or language, for example in US date format MM.DD.YYY and in Israel DD.MM.YYYY same with the time in US time format HH:MM:SS 12H in Israel HH:MM:SS 24H

Vehicle type should be different and not single type and field is mandatory and if there is no input relevant popup window should appear

Slot field should have some sort of format validator to reduce errors

Slot field is mandatory and if there is no input relevant popup window should appear

Image, uploaded image should appear in history in same row of the parking event, clicking on image should open image in new tab or browser window

After clicking on “Start Parking” confirmation window should pop up and relevant data should appear in lower section, in the end of each row “End Parking” button

Clicking on “End parking” button will stop parking and relevant confirmation window will appears, same windows will inform user about fee he will be charged for the parking.

## History Tab

History is a table which shows: license plate, slot, start time, end time, fee for parking and image.

Currently it is endless list of parking events

## Users tab

Users tab contains list of all users with options deleting every one of them.

Logged in users should not be able to delete themselves, currently it is possible, and users are kicked out from the system which is not fool proof behavior

After clicking on delete user confirmation prompt window should appear

Clicking on “Add User” button triggers prompt for Username and Password entering this information will add user.

We need to test those scenarios:

1. Adding existing users will trigger information messages and change information requests.
2. User field should not be case sensitive
3. Password should be complaint to the requested schema (8 chars, one uppercase, one special symbol)

## Logout tab

Clicking on log out should trigger confirmation prompt window