Sprint 3 Reflection & Sprint 4 Plan

What did we do in Sprint 3?

* Shawn’s Appointment App – quality of life updates (deleting and editing of drivers, custom appointment times, improved user interface)
* Research on image processing software
* Python-based license plate detection and recognition software (interim version)

What went wrong in Sprint 3?

* Creating a text recognition software turned out to be a more complicated task than expected (for our skill level)
* We did not manage to create all the testing that was required

What should we change for Sprint 4?

* We should assign more team members to work on the license plate recognition software (including research and coding)
* Implement the tests

What are we going to deliver in Sprint 4?

* An improved version of the license plate software
* An integration of the Appointment Registering app with the Twilio app for SMS-sending

Sprint review

**User stories** we worked on in Sprint 3:

As a customer my license **plate gets automatically scanned** when I enter the parking lot so that the system can allocate me a parking spot.

* Priority 90
* DoD: The license plate gets recognized and scanned by a camera and the system searches for it in the database.

As a receptionist I can **schedule new appointments and register visitor information in the database** so that the system recognizes the license plates of the cars coming into the parking lot.

* Priority 80
* DoD: Shawn can register a customer’s information, add them as a driver and create an appointment with the registered person.

As a receptionist I can **view and edit the already created appointments** in order to exchange information with customers.

* Priority 60
* DoD: Existing appointments can be accessed by Shawn and all the information about them can be modified.

**User stories** we are going to work on in Sprint 4:

As a customer my license **plate gets automatically scanned** when I enter the parking lot so that the system can allocate me a parking spot.

* Priority 90
* DoD: The license plate gets recognized and scanned by a camera and the system searches for it in the database.

As a customer I **receive a text message** with information about my allocated parking spot so that I know where to park my car.

* Priority 100
* DoD: When the system recognizes a license plate, it finds the driver registered with it in the database, allocates them a parking spot and sends a text message with suitable information.