

# Requirements:

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## 1. Log-In

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In this step, the representative of the company has the opportunity to log in with this user-name and a general administrator-PIN. Without a login there will be no opportunity to edit any datasets or scan the RFID-tags.

## 2. Database

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The SQL-database includes datasets of all vehicles and of every driver in the company.

### 2.1 Key Management

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The key datasets contain information about the associated vehicles and the required licenses and qualifications, that are needed to legitimately drive that vehicle.

### 2.2 Driver Management

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The driver datasets contain information about the driver's licenses and the qualifications of the driver. They also include as well the validity as the expiring date of both.

## 3. RFID-Scan

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The application shall be able to read the RFID-tags and tell the system the ID-number of the vehicle or the driver.

## 4. Comparison of scanned datasets

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Compares the valid license and qualification of the driver to the required qualifications for the recognized vehicle.