

## **README.pdf**

### **1. Special Virtual Environment (if applicable)**

For the final project, I am utilizing Python 3.10 and Django 4.1 in conjunction with PyCharm Professional. As such, I do not require any specialized environment for this undertaking.

### **2. Application Description**

This web application has been designed to cater to the information needs of used car maintenance systems. The system provides a user-friendly database that enables users to access repair information based on their respective authority levels. Specifically, the website is tailored to meet the repair information requirements of used car companies, allowing them to conveniently retrieve repair details for their vehicles.

### **3. Authentication and Authorization Scheme**

The level of information accessibility for each user and group is determined by their respective authorization and authentication credentials. Please consult the table provided below to obtain further details regarding permissions.

### **4. User IDs and Passwords**

All passwords for users are {iScoolUI} as demonstrated in the EZU project.

### **5. Testing Instructions**

You may conduct a comprehensive assessment of the website's functionality and authentication by utilizing multiple accounts to navigate through the website.

Username/Group	Password	Active	Staff	Superuser	Group ci_user	Group ci_scheduler	Group ci_registrar
tester	{iSchoolUI}	X	X	X			
sysadmin	{iSchoolUI}	X	X	X			
clerk	{iSchoolUI}	X	X		X		
scheduler	{iSchoolUI}	X	X			X	
registrar	{iSchoolUI}	X	X				X
coworker	{iSchoolUI}	X	X				

Permission/Group	ci_user	ci_scheduler	ci_registrar	SuperUser
<b>Month</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Year</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Date</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Schedule</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Auto part</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Maintenance</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Inventory</b>				
View	X	X	X	X
Add		X		X
Change		X		X
Delete		X		X
<b>Technician</b>				
View	X	X	X	X

Add		X		X
Change		X		X
Delete		X		X
<b>Dealer</b>				
View	X	X	X	X
Add			X	X
Change			X	X
Delete			X	X
<b>Customer</b>				
View	X	X	X	X
Add			X	X
Change			X	X
Delete			X	X
<b>Invoice</b>				
View	X	X	X	X
Add			X	X
Change			X	X
Delete			X	X