

Self Service Technology: EV Charging Solutions Demo Application Overview

Introduction

This document provides an overview of the Self-Service Technology's demo application for EV charging solutions. Our platform is designed to demonstrate the functionality of our products to potential customers, showcasing the seamless integration of EV charging management features. This document serves as a supporting material for our partnership renewal with the Azure referral program.

1. Start Charge Screen:

The "Start Charge" screen is the entry point of the charging session. Users can begin the charging process by entering relevant details such as the Pre-Authorization Amount, Connection Fee, Cost Per kWh, and Connector ID. The screen also displays the Alio Serial Number for device identification. This function initiates the charging session for an electric vehicle at the selected connector.

SST DEMO APP

Alio Serial Number

Start Transaction

Pre Auth Amount

Connection Fee

Cost Per Kwh

Connector Id

Self Service Technology, 1D Main Street, Willerby, HU10 6BP
info@self-servicetechnology.com
+44 (0)1482 241011

2. Status Screen:

The "Status" screen allows users to monitor the current status of the charging session. It provides information such as Connector ID, Session ID, Payment State, Start Time, Pre-Authorization Amount, and ongoing session metrics. This screen is essential for real-time monitoring and managing of EV charging sessions.

SST DEMO APP

Alio Serial Number

1020003951

StartStatusCommitStopReset

Get Status of Alio

1

Connector ID:	1	📄
Session ID:	e88ef1be-d204-4a66-985f-4ff357f9cf8f	📄
Payment State:	Charging	📄
Start Time:	2024-04-25T15:19:14	📄
Pre-Auth Amount:	2500	📄
Commit Amount:	0	📄
Kwh Cost:	0	📄
Connection Charge:	0	📄
Total Charge Time:		📄

3. Commit Charge Screen:

On the "Commit Charge" screen, users can finalize the charging session. It displays details including the Commit Amount, Cost Per kWh, Connection Charge, Start and End Time of the session, Total Charge Time, and Total kWh Used. This screen is critical for closing the billing cycle and ensuring accurate charging costs.

SST DEMO APP

Alio Serial Number

1020003951

StartStatusCommitStopReset

Commit Session for Connectors

Select Connector for Commit:

1 ▼

Commit Amount:

Cost Per Kwh:

Connection Charge:

Start Time:

End Time:

Total Charge Time:

Total Kwh Used:

Commit

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4. Stop Charge Screen:

The "Stop Charge" screen is used to terminate an active charging session. It allows for manual interruption of the charging process by selecting the appropriate Connector ID and stopping the session. This function is vital for user control over the charging process.

SST DEMO APP

Alio Serial Number

1020003951

StartStatusCommitStopReset

Stop Session for Connector

Select Connector for Commit:

1 ▼

Stop

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5. Reset Charge Screen:

The "Reset Charge" screen provides the functionality to reset the charging session for a particular connector. This feature is particularly useful for resolving issues or preparing the connector for a new charging session, ensuring the charger is ready for the next customer.

SST DEMO APP

Alio Serial Number

1020003951

Start Status Commit Stop Reset

Reset Session for Connector

1

Reset

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Conclusion

The Self-Service Technology demo application represents our commitment to delivering user-friendly and efficient EV charging solutions. As we renew our partnership with Azure, we seek to continue leveraging Azure's services to enhance our offerings and support the evolving needs of EV charging providers.

Contact Information

For further details or inquiries, please contact us at:

Self Service Technology, 1D Main Street, Willerby, HU10 6BP

Email: info@self-servicetechnology.com

Phone: +44 (0)1482 241011