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01. LANE USER DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetLaneUsersDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<User>	On success list will shared, on failed it will null

List<User> Format

Field	Value	Remark
LoginId	String	
LoginPassword	String	
FirstName	String	
LastName	String	
EmailId	String	
MobileNumber	String	
AccountExpiredDate	Date	
ClientName	String	
EntryId	Int64(long)	Primary Key
ClientId	Int16(short)	
PlazaId	Int16(short)	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

02. PLAZA DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetPlazaDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	PlazaDetails	On success list will shared, on failed it will null

PlazaDetails Format

Field	Value	Remark
PlazaServerIpAddress	String	
PlazaName	String	1-Entry, 2-Exit
ClientName	String	
EntryId	Int64(long)	Primary Key (Plaza Id)
ClientId	Int16(short)	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

03. ALL LANE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetLaneDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<Lane>	On success list will shared, on failed it will null

List<Lane> Format

Field	Value	Remark
LaneNumber	Int16(short)	

LaneTypeId	Int16(short)	1-Entry, 2-Exit
LaneForId	Int16(short)	1-Hybrid, 2-Dedicated/FASTag
LaneDirection	Int16(short)	1-Up, 2-Down
LaneName	String	
LaneIP	String	
ClientName	String	
EntryId	Int64(long)	Primary Key
ClientId	Int16(short)	
PlazaId	Int16(short)	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

04. LANE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetLaneDetails	

Input JSON Format:

Field	Value	Remark
ClientId	Int16(short)	
PlazaId	Int16(short)	
LaneNumber	Int16(short)	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	Lane Details	On success list will shared, on failed it will null

Lane Details Format

Field	Value	Remark
LaneNumber	Int16(short)	

LaneTypeId	Int16(short)	1-Entry, 2-Exit
LaneForId	Int16(short)	1-Hybrid, 2-Dedicated/FASTag
LaneDirection	Int16(short)	1-Up, 2-Down
LaneName	String	
LaneIP	String	
ClientName	String	
EntryId	Int64(long)	Primary Key
ClientId	Int16(short)	
PlazaId	Int16(short)	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

05. HARDWARE PROVIDER DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetHardwareProvider	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<HardwareProvider>	On success list will shared, on failed it will null

List<HardwareProvider> Format

Field	Value	Remark
HardwareProviderId	Int16(short)	Primary Key
HardwareProviderName	String	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

06. HARDWARE TYPE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	

Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetByHardwareType	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<HardwareType>	On success list will shared, on failed it will null

List<HardwareType> Format

Field	Value	Remark
HardwareTypeid	Int16(short)	Primary Key
HardwareType	String	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

07. LANE HARDWARE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetLaneHardwareDetails	

Input JSON Format:

Field	Value	Remark
ClientId	Int16(short)	
PlazaId	Int16(short)	
LaneNumber	Int16(short)	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<Hardware>	On success list will shared, on failed it will null

List<Hardware> Format

Field	Value	Remark
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HardwareName	String	
HardwareTypeid	Int16(short)	Check Hardware Type API
HardwareProviderId	Int16(short)	Check Hardware Provider API
ConnectionTypeid	Int16(short)	1- Network, 2- COM, 3- Other/None
ConnectionAddress	String	IP/Com/Blank
Port	Int16(short)	0 or Value
UserName	String	
Password	String	
ClientName	String	
EntryId	Int64(long)	Primary Key
ClientId	Int16(short)	
PlazaId	Int16(short)	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

08. VEHICLE CLASS DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetVehicleClassDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<VehicleClass>	On success list will shared, on failed it will null

List<VehicleClass> Format

Field	Value	Remark
ClassId	Int16(short)	Primary Key
ClassName	String	
ClassDescription	String	
VehicleWeight	Decimal	UP TO 3 Place
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

09. TOLL FARE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetTollFareDetails	

Input JSON Format:

Field	Value	Remark
EffectiveDate	String	Format: dd-MMM-yyyy (12-May-2021)

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	Fare	On success list will shared, on failed it will null

Fare Format

Field	Value	Remark
EffectiveDate	Date	
List<FareDetails>	List	

List<FareDetails> Format

Field	Value	Remark
ClassId	Int16(short)	
ClassName	String	
TollFare	Decimal	UP TO 2 Place
ReturnFare	Decimal	UP TO 2 Place
PenaltyFare	Decimal	UP TO 2 Place
OverWeightFare	Decimal	UP TO 2 Place
EntryPlazaId	Int16(short)	Source Plaza Id
ExitPlazaId	Int16(short)	Destination Plaza Id

Note: Please ignore rest field that coming in response

10. TRANSACTION TYPE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetTransactionTypeDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<TransactionType>	On success list will shared, on failed it will null

List<TransactionType> Format

Field	Value	Remark
EntryId	Int16(short)	Primary Key
TransactionTypeName	String	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

11. EXEMPT TYPE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetExemptTypeDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<ExemptType>	On success list will shared, on failed it will null

List<ExemptType> Format

Field	Value	Remark
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EntryId	Int16(short)	Primary Key
ExemptTypeName	String	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

12. PAYMENT TYPE DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetPaymentTypeDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<PaymentType>	On success list will shared, on failed it will null

List<PaymentType > Format

Field	Value	Remark
EntryId	Int16(short)	Primary Key
PaymentTypeName	String	
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

13. SHIFT TIMMING DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetShiftDetails	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<Shift>	On success list will shared, on failed it will null

List<Shift> Format

Field	Value	Remark
EntryId	Int16(short)	Primary Key
StartTimmng	String	08:00:00
EndTimming	String	15:59:59
DataStatus	Int16(short)	1-Active, 2- Inactive

Note: Please ignore rest field that coming in response

14. ENTRY LANE TRANSCATION API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/EntryLane	

Input JSON Format:

Field	Value	Remark
LaneTransId	Int64(long)	Lane Trans Id
ClientId	Int16(short)	
PlazaId	Int16(short)	
LaneNumber	Int16(short)	
LaneType	Int16(short)	1-Entry
LaneUsed	Int16(short)	1-Hybrid, 2-Dedicated/FASTag
ShiftId	Int16(short)	Current Shift Id
TCUserId	Int64(long)	TC Logged User Id
ReferenceNumber	String	Cash Receipt Number/FastTag value
TransactionTimeStamp	String	dd-MMM-yyyy HH:mm:ss (or dateTime)
TransactionImage	String	Base64
TransactionVideo	String	Base64
Chargeable	Int16(short)	0 for dummy and 1 for real

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
CrTransId	Int64(long)	Plaza server Trans Id

Note: Please ignore rest field that coming in response

15. EXIT LANE TRANSCATION API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/ExitLane	

Input JSON Format:

Field	Value	Remark
LaneTransId	Int64(long)	Lane Trans Id
ClientId	Int16(short)	
PlazaId	Int16(short)	
LaneNumber	Int16(short)	
LaneType	Int16(short)	2-Exit
LaneUsed	Int16(short)	1-Hybrid, 2-Dedicated/FASTag
ShiftId	Int16(short)	Current Shift Id
TCUserId	Int64(long)	TC Logged User Id
PlateNumber	String	Vehicle plate number
MappingClassId	Int16(short)	Operator Selected Class Id
AvcClassId	Int16(short)	AVC Class Id
TransactionTypeId	Int16(short)	Check Trans Type API
PaymentTypeId	Int16(short)	TransactionTypeId is 2 then Check Payment Type API else it will be 0
ExemptTypeId	Int16(short)	TransactionTypeId is 5 then Check exempt Type API else it will be 0
ReferenceNumber	String	Cash Receipt Number/FastTag value
TransactionAmount	Decimal	Check Validate Fare API
ReferenceTransactionId	Int64(long)	Check Validate Fare API
JourneyType	Int16(short)	Check Validate Fare API
TransactionTimeStamp	String	dd-MMM-yyyy HH:mm:ss (or dateTime)
TransactionImage	String	Base64

TransactionVideo	String	Base64
Chargeable	Int16(short)	0 for dummy and 1 for real
Overweight	Int16(short)	0 for Normal 1 for overweight
Penalty	Int16(short)	0 for Normal 1 for penalty charged
TowVehicle	Int16(short)	0 for Normal 1 for Tow

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
CrTransId	Int64(long)	Plaza server Trans Id

Note: Please ignore rest field that coming in response

16. VALIDATE TOLL FARE TRANSACTION API:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/ValidateFare	

Input JSON Format:

Field	Value	Remark
PlazaId	Int16(short)	
LaneType	Int16(short)	2-Exit
MappingClassId	Int16(short)	Operator Selected Class Id
ReferenceNumber	String	Cash Receipt Number/FastTag value
TransactionTimeStamp	String	dd-MMM-yyyy HH:mm:ss (or dateTime)

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed/Plaza Id is missing/Vehicle Class Id is missing/Vehicle Class Id not found/Vehicle Class Id is inactive/Entry Lane Data Not found/Toll fare not found
ResponseData	FareDetails	Plaza server Trans Id

FareDetails Format

Field	Value	Remark
JourneyType	Int16(short)	1 Single 2 Return
EntryPlazaId	Int16(short)	Entry Plaza Id
ReferenceTransactionId	Int64(long)	Entry Lane Mapped Trans Id
ClassId	Int16(short)	
TollFare	Decimal	Normal Fare
PenaltyFare	Decimal	Penalty Fare
OverWeightFare	Decimal	Overweight Fare
ReturnFare	Decimal	Return Journey Fare

17. LANE OPERATOR ACTIVITY :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/LoggingActivity	

Input JSON Format:

Field	Value	Remark
PlazaId	Int16(short)	Current Plaza Id
LaneNumber	Int16(short)	Current Lane Number
ShiftId	Int16(short)	Current Shift Id
ShiftDate	Date	Shift Date (dd-MMM-yyyy)
LoginId	String	Operator Login Id
LoginStatus	Int16(short)	0 – Invalid attempted ,1 –Login & 2- Logout
LaneTransId	Int64(long)	Send last lane trans Id on the time of logout/shift close
CreatedDate	DateTime	Current Date Time

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	null	

18. LIVE STATUS EVENTS :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/LiveStatusEvents	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
HardwareTypeid	Int16(short)	Current Hardware Id (refer API 6)
EventStatus	Int16(short)	0 - Not connected/power failure/wire damage 1 - Connected / Not Working 2 - Connected / Working 3 - Open 4 - Close
EventDateTime	DateTime	Format (dd-MMM-yyyy HH:mm:ss)

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	null	

19. LIVE SYSTEM EVENTS :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/LiveSystemEvents	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
ShiftId	Int16(short)	Current Hardware Id (refer API 6)
ShiftDate	Date	Format (dd-MMM-yyyy)
CpuUtilization	Decimal	Percentage Value
RamUtilization	Decimal	Percentage Value
StorageAvilable	Decimal	Percentage Value

Output JSON Format:

Field	Value	Remark
ResponceMessage	String	success/failed
ResponceData	null	

20. LIVE SYSTEM TRANSACTION EVENTS :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/LiveTransactionEvents	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
ShiftId	Int16(short)	Current Hardware Id (refer API 6)
ShiftDate	Date	Format (dd-MMM-yyyy)
TCClassId	Int16(short)	
TransactionTypeId	Int16(short)	
OperatorId	Int64(long)	
OperatorLoginTime	DateTime	Format (dd-MMM-yyyy HH:mm:ss)
OperatorCollection	Decimal	Up to two place

Output JSON Format:

Field	Value	Remark
ResponceMessage	String	success/failed
ResponceData	null	

21. LIVE SYSTEM AVC TRANSACTION EVENTS :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/LiveAVCTransactionEvents	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
AVCClassId	Int16(short)	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	null	

22. LANE OPERATOR ACCESS EVENTS :

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/OperatorAccessPermission	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
OperatorId	Int64(long)	TC operator User Id
AccessType	Int16(short)	1-Login 2-Logout

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	null	

23. LANE OPERATOR EXEMPT TRANSACTION ACCESS EVENTS:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/ExemptAccessPermission	

Input JSON Format:

Field	Value	Remark
LaneNumber	Int16(short)	Current Lane Number
OperatorId	Int64(long)	TC operator User Id
ExemptTypeId	Int16(short)	refer API 11

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	null	

24. DENOMINATION DETAILS API:

Http URL :

Field	Value	Remark
Method	HTTP GET	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/GetDenominationList	

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed
ResponseData	List<DenominationList>	On success list will shared, on failed it will null

List<DenominationList> Format

Field	Value	Remark
EntryId	Int16(short)	Primary Key

BaseValue	Int16(short)	Currency Type/Denomination Type
MoneyCount	Int16(short)	Default is 0

25. LANE MID CLEARANCE:

Http URL :

Field	Value	Remark
Method	HTTP POST	
Port	8086	
Format	JSON	
Base Path	http://<ip_address>:port/	
API Path	Softomation/Toll360-CloseToll/Lane/MidClearance	

Input JSON Format:

Field	Value	Remark
ShiftDate	Date	Format (dd-MMM-yyyy)
ShiftId	Int16(short)	Current Shift Id (refer API 13)
DepositedAmount	DECIMAL	UP to 2 Place
TCUserId	Int64(long)	TC User Id (refer API 01)
DenominationData	List<DenominationIL>	Details as below (refer API 19)

List<DenominationList> Format

Field	Value	Remark
EntryId	Int16(short)	Primary Key
MoneyCount	Int16(short)	Declare Currency count

Output JSON Format:

Field	Value	Remark
ResponseMessage	String	success/failed/Mid clearance not allowed for future shift! /Shift already closed
ResponseData	null	