Functionality	Developed
Hold generic defines	Yes
Hold generic structs	Yes
Hold generic enums	Yes
Link to ImplicitDLL (Prof DLL)	Yes
Provide generic functionality	-
Printing format	Yes
Clean stdin	Yes
Check if string is empty	Yes
Check if string is a number	Yes
Clean String	Yes

What is it?
It's a DLL developed to provide generic functionality. Some headers are located inside this project… These headers also contain information that is intended to be used for various other applications.

Functionality	Developed
Login	-
Send login request to CenTaxi	Yes
Receive login request feedback	Yes
Receive map	Yes
Transport request	-
Receive notification (from central) about new transport	Yes
Receive notification (from central) about passenger assigned	
Receive notification (from central) to leave	
Send transport interest	Yes
Movement	-
Send new position (when enter new cell)	Yes
Send new state	Yes
Commands	-
Shutdown application	

What is it?
It's a DLL developed to provide communication functionality. This communication is only from Taxi (ConTaxi) to Central (CenTaxi). Only used on ConTaxi.

Functionality	Developed	
Allow only one instance per OS	Yes	
Share map to taxis and MapInfo	Yes	Missing MapInfo
Print CMD messages about what is happening	Yes	
Map	-	
Read city map	Yes	
Manage city map	Yes	
Taxi	-	
Knows position	Yes	
Knows state		
Hold all logged in taxis	Yes	
Taxi login queue		
Receive login requests	Yes	
Receive taxis positions		
Receive transport interest	Yes	
Receive taxi service status updates		
Passenger	-	
Knows all transport requests	Yes	
Hold all passengers	Yes	
Receive new transport requests		ConPass
Remove passenger after transport is completed		ConPass
Notification	-	
Notify taxi about new transport request	Yes	
Notify taxi about passenger assigned		NamedPipe
Notify passenger about taxi assigned		NamedPipe
Logic	-	
Pick one taxi for the transport request	Yes	
Ignore new passengers when full		ConPass
Receive max taxi from CMD argument	Yes	
Receive max passenger from CMD argument	Yes	
Commands	-	
Close system		Needs to be looked at
List taxis	Yes	
Set timeout for taxi<->passenger assignment	Yes	
Taxi login open/close	Yes	
Kick specific taxi (without passenger)		NamedPipe

What is it?
It's an application developed to be used as a central for taxi services.

Functionality	Developed	
Link and use CTDLL	Yes	
Print CMD messages about what is happening	Yes	
Default CDN	Yes	
Login	-	
Create request using his position and license plate	Yes	
Use CTDLL to send login request	Yes	
Transport notification	-	
Use CTDLL to receive transport notification	Yes	
Use CTDLL to receive assigned passenger notification		Named Pipe
Logic	-	
Autonomous movement		
Autonomous interest if between CDN		
Movement	-	
Default movement speed	Yes	
Random movement (overwritten by autonomous)		
Use CTDLL to send new position	Yes	Missing Step
Commands	-	
Speed Up/Down (0.5)	Yes	
Define CDN	Yes	
Turn on/off automatic transport interest	Yes	

What is it?
It's an application developed to be used by taxis, which they can manage their information. Taxis work through this application.