**Web Communication Details:-**

Communication between the Device and Server

**Server url**: -

http://136.233.77.67/DM1/DeviceLogsPost.aspx?DeviceCode=1234

http://136.233.77.67/DM1/DeviceCommandGet.aspx?DeviceCode=1234

http://136.233.77.67/DM1/DeviceCommandPost.aspx?DeviceCode=1234

**Device communication flow:-**

Device (desktop client exe) calls 3 pages in server with DeviceCode (Serial number) in query string

1. **DeviceLogsPost.aspx** ----- to post log data from client to server at a time 100 logs will be pushed to server

**Note**:-

1. Date format will be “YYYY-MM-DD HH:mm:ss”
2. Verification Mode user punch made in device

0--- Face only

1---- Face + card

2-----Card only

**Sample format:**

[{"UserCode":"1","PunchDate":"2021-12-07 16:26:51","VerificationMode":"0"},{"UserCode":"1","PunchDate":"2021-12-07 16:26:51","VerificationMode":"1"},{"UserCode":"1","PunchDate":"2021-12-07 16:26:51","VerificationMode":"1"},{"UserCode":"1","PunchDate":"2021-12-07 16:26:51","VerificationMode":"2"},{"UserCode":"1","PunchDate":"2021-12-07 16:26:51","VerificationMode":"0"}]

Server response to client after receiving log data is 0 or 1 ( 0 means fail, 1 means success)

**Sample format:**

{"Status":"1"}

1. **DeviceCommandGet.aspx** ----- to get pending commands from server at a time 100 commands will be fetched from server (DB)

**Note**: -

1. Command Type “ADDUSER”
   1. DeviceCommandText will have “Code; Name; Photo;Cardnumber;Verificationmode;”
   2. Code; Name; Photo each will be in base 64
   3. Verificationmode of user in device

0--- Face only

1---- Face + card

2-----Card only

1. Command Type “RESETLOGSTAMP”
   1. DeviceCommandText will have Date; (yyyy-MM-dd)
2. Command Type “DELUSER”
   1. DeviceCommandText will have “Code;”
   2. Code will be in base 64
3. Command Type “DELETEALLLOGS”
4. DeviceCommandText will have nothing
5. Command Type “DELETEALLUSERS”
6. DeviceCommandText will have nothing

Sending format :( server)

[{"DeviceCommandId":"1","DeviceCommandType":"RESETLOGSTAMP","DeviceCommandText":"2021-12-02;"},{"DeviceCommandId":"7","DeviceCommandType":"DELUSER","DeviceCommandText":"MTExMQ==;"},{"DeviceCommandId":"8","DeviceCommandType":"ADDUSER","DeviceCommandText":"MTI1NQ==;Vmlucw==;;1328560381 ;0;"}]

1. **DeviceCommandPost.aspx** ----- to send commands execution status from client at a time response back to all received 100 commands from server.

In DeviceCommandText ll send 0 or 1

1 -- Success

0 -- failure

**Sending format :**

[{"DeviceCommandId":"2","DeviceCommandText":"1"},{"DeviceCommandId":"3","DeviceCommandText":"1"},{"DeviceCommandId":"4","DeviceCommandText":"1"}]

Server response to client after receiving commands execution status is 0 or 1 ( 0 means Success and 1 means Failure)

**Sending format :**

{"Status":"1"}