**Planning**

Services:

[Arduino]

POST localhost:8080/device/send/gps-cordinates

Request:

{

‘x’: long,

‘y’: long,

‘time’ : long,

‘deviceId’: string

}

Response

200 OK

403: Invalid data format

404: Device not found

408: Request timed out

500 Internal Server error

GET localhost:8080/device/receive/parking-status?deviceId=long

Response:

{

‘isParked’: boolean,

‘x’: long,

‘y’: long

}

200: OK

403: Invalid data format

404: Device not found

408: Request timed out

500: Internal Server error

GET localhost:8080/device/receive/settings?deviceId=long

Response:

{

‘timeOut’: long

}

200: OK

403: Invalid data format

404: Device not found

408: Request timed out

500: Internal Server error

[Client]

GET localhost:8080/client/receive/gps-cordinates?deviceId=long

Response:

{

‘x’: long,

‘y’: long

}

200: OK

403: Invalid data format

404: Device not found

408: Request timed out

500: Internal Server error

GET localhost:8080/client/receive/parking-status?deviceId=long

Response:

{

‘isParked’: boolean

}

200: OK

403: Invalid data format

404: Device not found

408: Request timed out

500: Internal Server error

PUT localhost:8080/client/send/parking-status?deviceId=long

Body:

{

‘isParked’: boolean

}

200: OK

403: Invalid data format

404: Device not found

408: Request timed out

500: Internal Server error