

API Specification Document

(Smart City Infra)

Version History

Version	Date	Author	Description
1.0	06-Dec-2015	K. K. Sasan	Initial draft

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Smart City Infra - API Detail

Base URL for all APIs: <http://<IP>:<Port>/<Context-Name>>

➤ Add Ticket API

Add a Ticket in the system including the problem image/picture.

Request

Method	URL
POST	/AddTicket

Param Name	Type	Mandatory	Remarks
summary	String	Yes	Ticket Summary (though it can be Blank: as of now)
type	String	Yes	Type of Ticket.
severity	String	Yes	Severity of Ticket.
imgFile	File	Yes	Image / Picture.
msisdn	String	Yes	Mobile Number of User.
deviceId	String	Yes	Device Id of User.
latitude	String	Yes	Latitude of location for which ticket is raised.
longitude	String	Yes	Longitude of location for which ticket is raised.
time	String	Yes	Ticket Date-Time "YYYY-MM-DD HH:MM:SS"

Note:

- Valid "Type" values are "Electricity", "Road", "Sanitation", "Sewage" and "Water".
- Valid "Severity" values are "Low", "Normal", "High" and "Urgent"

Response

Response is JSON response in following format

Sample Success Response:

```
{
  "status" : 0,
  "responseCode" : 0,
  "message" : "Ticket added with id: 107",
  "uploadId" : 107
}
```

Sample Failure Response:

```
{
  "status" : 1,
  "responseCode" : 108,
  "message" : "Mandatory attribute not found or invalid.",
  "uploadId" : null
}
```

Param Name	Type	Mandatory	Remarks
status	Number	Yes	Specify Request Success / Failure
responseCode	Number	Yes	Specify Success / Failure Code
message	String	Yes	Specify Success / Failure Message
uploadId	Number	No	Upload Id, if request is success.

Appendix

A. Add Ticket Status Code

Status Code	Description
0	Specifies that request is success.
1	Specifies that request is failure. For failure reason refer corresponding Response Code.

B. Add Ticket Response Code

Response Code	Description
0	Ticket is added successfully.
101	Submitted request is not correct.
102	Ticket information not found.
103	Summary not found.
104	Severity not found.
105	Severity is invalid.
106	Type not found.
107	Type is invalid.
108	Image not found.
109	Latitude not found or invalid.
110	Longitude not found or invalid.
111	Time not found.
112	Time is invalid.
113	MSISDN not found.
114	Device Id not found.
201	Unable to process request. Some problem occurred.
202	Unable to process request. Some database problem occurred.