Mallikarjuna Nookala
BizBuilding: Service Layer(s)

Property Signup: This endpoint is used for property **landlords** to sign up into the BizBuilding application to manage their tenant complaint requests.

URL: `POST` /api/signup

Type: POST
Content-Type: application/json

Request Body:
```
{
"Name":"My Building",
"EmailAddress": "malli.nookala@mybuilding.com",
"Password": "*******",
}
```

Response 1:
```
{
 "Status": 200,
 "Message": "Than you for subscription.",
 "Info": {
   "ProfileId": 101,
   "UserId": 301
 }
}
```
Response 2: **- When data is empty object**
```
{
 "Status": 400,
 "Message": "Sorry, invalid data"
}
```
Response 2: **- When EmailAddress is already exists**
```
{
 "Status": 400,
 "Message": "Sorry, you have already registered with 'malli.nookala@mybuilding.com'. "
}
```

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Application Login: This endpoint is used to allow the staff members and landlord to authenticate and sign in into the application dashboard to manage their data.

URL: `POST`   /api/getsignininformation

Type: POST
Content-Type: application/json

Request Body:
```
{
"EmailAddress": "malli.nookala@bizbuilding.com
}
```
Response 1:
```
{
 "Status": 200,
 "Message": "" ,
 "Info": {
   "Password": "******",
   "UserId": 301,
   "ProfileId": 101
  }
}
```
Response 2:
```
{
 "Status": 400,
 "Message": "No information is available.",
}
```

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Adding Staff Member: This endpoint is used to create a maintenance **staff** member that can be either manager or janitorial.

URL: `POST`   /api/addstaff

Type: POST
Content-Type: application/json

Request Body:
```
{
"FirstName":"Nookala",
"LastName":"",
"EmailAddress": "mnookala@yyy.com",
"Password": "*******",
"UserRole":"Manager",
}
```

Response 1:
```
{
 "Status": 200,
 "Message": "Your staff member has been created successfully.",
 "Info": {
   "UserId": 302
 }
}
```
Response 2: **- When EmailAddress is already exists**
```
{
 "Status": 400,
 "Message": "Sorry, you have already registered with 'malli.nookala@mybuilding.com'. "
}
```

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Manage Staff Member: This endpoint is used to get all the maintenance **staff** members to show as list in a tabular format.

URL: GET   /api/getstaffs/101

Type: GET
Content-Type: application/json

Parameters:
ProfileId - xxx is the parameter that passed along with URL.

Response 1:
```
{
 "Status": 200,
 "Message": "",
 "Info": {
  "Staff": [{
    "UserId":301,
    "FirstName":"Malli",
    "LastName":"Nookala",
    "EmailAddress": "malli.nookala@bizbuilding.com",
    "UserRole":"Landlord",
  },
  {
    "UserId":320,
    "FirstName":"Nookala",
    "LastName":"",
    "EmailAddress": "mnookala@yyy.com",
    "UserRole":"Manager",
  }]
  }
}
```
Response 2: **- if subscription expired has expired**
```
{
 "Status": 400,
 "Message": "Your subscription has been expired."
}
```

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Create Category: This endpoint is used to create a category of the problem.

URL: **POST**   /api/addcategory

Type: POST
Content-Type: application/json

Request Body:
{
"Name":"Window",
"Description": "Complaints about",
"ProfileId": 101
}

Response 1:
{
  "Status": 200,
  "Message": "Window category has been created successfully.",
}
Response 2: - if category already exists
{
  "Status": 400,
  "Message": "window category is already existing."
}

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Manage Categories: This endpoint is used to get all the categories to show as list in a tabular forma t. This list can be displayed in the complaint form to select the tenant while submitting the compliant.

URL: `GET` /api/getcategories/101

Type: GET
Content-Type: application/json

Parameters:
ProfileId (101) is the parameter that passed along with URL.

Response 1:
```
{
 "Status": 200,
 "Message": "",
 "Info": {
  "Category": [{
    "CategoryId": 301,
    "Name":"Window",
    "Description":"Complaints of window related issues."
 },
 {
    "CategoryId": 301,
    "Name":"Window",
    "Description":"Complaints of window related issues."
 }]
 }
}
```
Response 2: **- if no categories are available**
```
{
 "Status": 400,
 "Message": "No category available. Please start to create."
}
```

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Get Tenant Issue Logs: This endpoint is used to get all complaints requested by the tenants by the status. Status can be 'All', 'New', 'Processing' and 'Completed'.

URL: **GET** /api/getlogs/101/All

Type: GET
Content-Type: application/json

Parameters: are the parameters that passed along with URL.
ProfileId - xxx
Status - All/New/Processing/Completed

Response 1:
```
{
 "Status": 200,
 "Message": "",
 "Info": {
  "Logs": [{
    "LogId": 10,
    "Category": "Window",
    "Description": "Window is stuck and is not opening on my suite left.",
    "Location": "3020",
    "AssignedTo ": "",
    "RequestedDate ":  "2020-10-29 10:30 00.00",
    "ResolvedDate ":  "",
    "Status": "New"
  },
  {
    "LogId": 15,
    "Category": "Washroom",
    "Description": "water is floating from one tap.",
    "Location": "WashRooms",
    "AssignedTo ":  "",
    "RequestedDate ":  "2020-10-25 10:30 00.00",
    "ResolvedDate ":  "",
    "Status": "Completed"
  }]
 }
}
```
Response 2:
```
{
 "Status": 400,
 "Message": "No profile found.",
}
```

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Change Log Status: This endpoint is used to update a specific log status and assigning a staff member-based action to take care.

URL: **PUT**   /api/updatelogstatus

Type: PUT
Content-Type: application/json

Request Body:
{
"LogId": 10,
"Status": Processing,
"AssignedTo": 301
}
Response:
{
  "Status": 200,
  "Message": "Status information has been saved successfully.",
}

Submit a compliant: This endpoint is used to submit a compliant by a tenant that they encountered a problem in their suites or common washrooms.

URL: **POST**   /api/savecompliant

Type: POST
Content-Type: application/json

Request Body:
{
"CategoryId": 12,
"Description": "Window is stuck and is not opening on my suite left. ",
"Location": "3210"
}
Response 1:
{
  "Status": 200,
  "Message": "You compliant has been notified maintenance team successfully. " ,
}
Response 2:
{
  "Status": 400,
  "Message": "Failed to submit your complaint, please visit after some time.",
}