# **Sakani: Backend Doc**

The Animeta BrandStar Backend Microservice is responsible for the development and deployment cycle of BrandStar. It can be accessed at [ASK-Dev](https://animeta.ai/). This backend microservice securely handles the environment variables required for its operation, including the server port, MongoDB connection details, access token, refresh token, Redis credentials, and Tubular credentials. Additionally, it includes sub microservices to facilitate efficient interaction with the Tubular API.

##### **Backend Microservice Overview**

The Animeta BrandStar Backend Microservice acts as the central hub for the development and deployment processes of BrandStar. It provides the necessary functionalities and APIs to support the backend operations. The microservice ensures the secure transmission of sensitive environment variables required for its functioning.

##### **Secure Channel for Environment Variable Transmission**

To maintain the confidentiality and integrity of sensitive information, the Animeta BrandStar Backend Microservice uses a secured channel for transmitting environment variables. This ensures that the server port, MongoDB connection details, access token, refresh token, Redis credentials, and Tubular credentials are securely passed to the microservice.

##### **Sub Microservices for Tubular API Interaction**

The Animeta BrandStar Backend Microservice incorporates sub microservices that facilitate efficient interaction with the Tubular API. These sub microservices handle various operations related to Tubular API integration, ensuring optimized and streamlined communication between the microservice and the Tubular system.

##### **Technical Architecture**

**# Directory Structure =>**

**└── v1**

**├── index.js**

**└── src**

**├── middleware\jwt**

**│ └── jwt.middleware.js**

**├── models**

**│ ├── logger.model.js**

**│ └── mysql.model.js**

**├── routes**

**│ |── agents**

**│ | └── index.js**

**│ |── dashboard**

**│ | └── index.js**

**│ |── leads**

**│ | └── index.js**

**│ |── login**

**│ | └── index.js**

**│ |── properties**

**│ | └── index.js**

**│ |── settings**

**│ | └── index.js**

**| |── index.js**

**├── setups**

**│ ├── database**

**│ │ └── database.setup.js**

**│ │ └── mongoDb.js**

**│ ├── logger**

**│ │ └── logger.setup.js**

**│ ├── query**

**│ │ └── query.agent.js**

**│ │ └── query.dashboard.js**

**│ │ └── query.profile.js**

**│ │ └── query.properties.js**

**│ │ └── query.server.js**

**│ │ └── query.settings.js**

**│ └── server**

**│ └── server.setup.js**

**├── utilities**

**│ ├── cache.utility.js**

**│ ├── decrypt.utility.js**

**│ ├── encrypt.utility.js**

**│ ├── filter.utility.js**

**│ ├── jwt.utility.js**

**│ ├── otp.utility.js**

**│ ├── password.utility.js**

**│ └── sms.utility.js**

##### **APIs** [**PostMan Doc**](https://documenter.getpostman.com/view/12893255/2s93m4WMfJ)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.no** | **Title** | **Description** | **Endpoint** | **Method** |
| 1. | Base: No Route | Public route for checking server docs | / | GET |
| 2. | Invalid Route | Invalid route request handler | /{anything-undefined} | \* |
| 3. | Search Creators | Search creator from tubular microservice API with or without filters | /app/v1/brandstar/creators/find/:brandName | POST |
| 4 | Search Creator Performance | Search creator from tubular microservice API, and in return get performance trend of creators | /app/v1/brandstar/creators/monthly-trend/:brandName | POST |
| 5 | Save My List | Brands can save list of creators by creators along with their group name | /app/v1/brandstar/brands/mylist-add/:brandName | POST |
| 6 | Get Saved Lists | All saved lists will be fetched by brand's name | /app/v1/brandstar/brands/mylist-fetch/:brandName | GET |
| 7 | Get Creator's Data | Brands can be able to see data of creators for those who are part of selected group | /app/v1/brandstar/brands/mylist-creators-fetch/:brandName | POST |

##### **Conclusion**