**Project Documentation**

Project Name: DGaaS

Stream Name: DGaaS

Git Repository: dgaas

Branch Name: dgaas\_2.1

1. Pre-Requisite Software to be installed

## VsCode, MongoDB Compass, MongoDB, Mysql(version : 8 ), Node Js(version : 14), GIT

* After installing all the software in the system we have to setup path in the environmental variables for MySql , Git, MongoDB
* Eg : MongoDb → C:\Program Files\MongoDB\Server\6.0\bin

MySQL → C:\Program Files\MongoDB\Server\6.0\bin

GIT → C:\Program Files\Git\cmd

* (note : this is Example for windows but in Linux automatically setup when we install software)

1. DB Setup

## username for mysql : root , password for mysql : root

## Default Database Name → we have to first create database in the mysql and name of database is dd\_ticket\_manager\_dgaas

## Location of sql scripts in GIT to run → dgaas/dd\_ticket\_manager.sql

## Command : → use `dd\_ticket\_manager\_dgaas`; // select db

## copy data of dd\_ticket\_manager.sql file and paste in the mysql and run the script this will create required table in the database.

3. GIT install

## login into git through username and password.

## go to dgaas repo and copy url(https://github.com/jaydengregit/dgaas.git) of repo.

## After copy goto any location in the local machine and open cmd/terminal from that location and run commnad : git clone https://github.com/jaydengregit/dgaas.git

## After that change the branch to dgaas\_2.1

Command : git checkout dgaas\_2.1

4. IDE setup

## we are using VsCode IDE for project.

## So download VsCode into your machine. after that goto your project into the local machine and open cmd/terminal from there and run code . Command so it will open that project into vscode.

## If want format than install prettier from Extension section in the vscode.

5. Mention configuration files

## config file location for to chage databasename for Mysql :

dgaas/dgaas\_server/db\_config.json

## config file for bgid and freshservice api : dgaas/dgaas\_server/cred.json

6. Start / Stop the servers, Environment

## go to dgaas\_client and dgaas\_server folder in the dgaas and run command to install npm packages: npm install

* dgaas\_server : to start server run command : npm run server

to stop server click key 2 times : ctrl + c

port : 4007

* dgaas\_client : to start client run command : npm start

to stop server click key 2 times : ctrl + c

port : 3000

7. Validation

## How to validate the install once setup is up and running

## What are default username/password to login : → username for mysql is : root

## → password for mysql is : root

## Are there any other steps to perform after install for example run some schedulers, do some action to populate test data etc

→ after that go to db\_config.json file and change database filed to

"dd\_ticket\_manager\_dgaas"

field => database : "dd\_ticket\_manager\_dgaas"

→

- after that goto config.json file in the smartsheet\_config\_file folder copy

that path .

- after that goto smartsheetConfigs.js file and paste that copy path into the

ss\_config\_file filed.

- // this is how we have pasted path of config.json file int the ss\_config\_file

filed.

ss\_config\_file : "C:/DGaaS Project

Setup/DGaaS/dgaas/smartsheet\_config\_file/config.json"

→ after setup and running project imp process in the project

1 : login using admin

username => admin\_dgaas\_def

password => Abcd#0011

2 : after that go to Schedule Auto Scan tab and run schedulers in

the below order.

1 : Data Source Scheduler

2 : objects Scheduler

3 : Daily Stats Scheduler

8. Troubleshooting

## How to troubleshoot any issue in environment setup. Keep adding here

9. How to build a release

## This may involve creating docker images for the release Or may involve creating binaries etc

10. Things to check before making a release

## For example do we need to run linting

## Do we need to build in production mode and test

## If mobile app have we tested on android and IOS actual device, simulator etc