**Technical Assignment**

**Steps to follow before start application**

* Change the values in “**mail-scheduler/configs/config.js**” as per your environment**.**

**Start Command:**

* Enter “**npm install**” to install all node modules into the project
* Enter “**npm start**” in “bigapp” folder through cmd to start the mail-scheduler.

**Api introduction**

1. **Create service**

**Purpose:** To Create scheduled mail records

**url:** http://localhost:4000/mailservice/ create

**type:** post

**Sample body :** {

"receiver":"shaikshajahan@gmail.com, shaikshajahan1@gmail.com",

"scheduledTime":"2021-03-26 02:23:20.267Z",

"CC": "test1@gmail.com,test2@gmail.com",

"body": "Hi, This is test mail",

"subject":"Assignment"

}

**Mandatory fields:** receiver, scheduledTime

1. **List service**

**Purpose:** To fetch scheduled mail records

**url:** http://localhost:4000/mailservice/ list

**type:**post

**sample body:** {

"status": "Unsent" or “sent” or “fail”

}

**Mandatory fields: None**

**Note: If status is not mentioned all records will be send in response**

1. **Update service**

**Purpose:** To Update the scheduled mail record

**url:** http://localhost:4000/mailservice/ update

**type:**post

**sample body:** {

"\_id":" 604b258e727a6fa617f52265",

"subject ":" New Subject"

}

**Mandatory fields:** \_id

**Note: Fields in the sample object only updated, rest remain same.**

1. **Delete service**

**Purpose:** To suspend the scheduled mail record from sending mails

**url:** http://localhost:4000/mailservice/ delete

**type:**post

**sample body:** {

"\_id":" 604b258e727a6fa617f52265"

}

**Mandatory fields:** \_id

**Note: The record will not entirely deleted from collection. Only its status will change.**

1. **Remove service**

**Purpose:** To remove the scheduled mail record from DB

**url:** http://localhost:4000/mailservice/ remove

**type:**post

**sample body:** {

"\_id":" 604b258e727a6fa617f52265"

}

**Mandatory fields:** \_id

**Note: Here the entire record will be deleted from DB.**