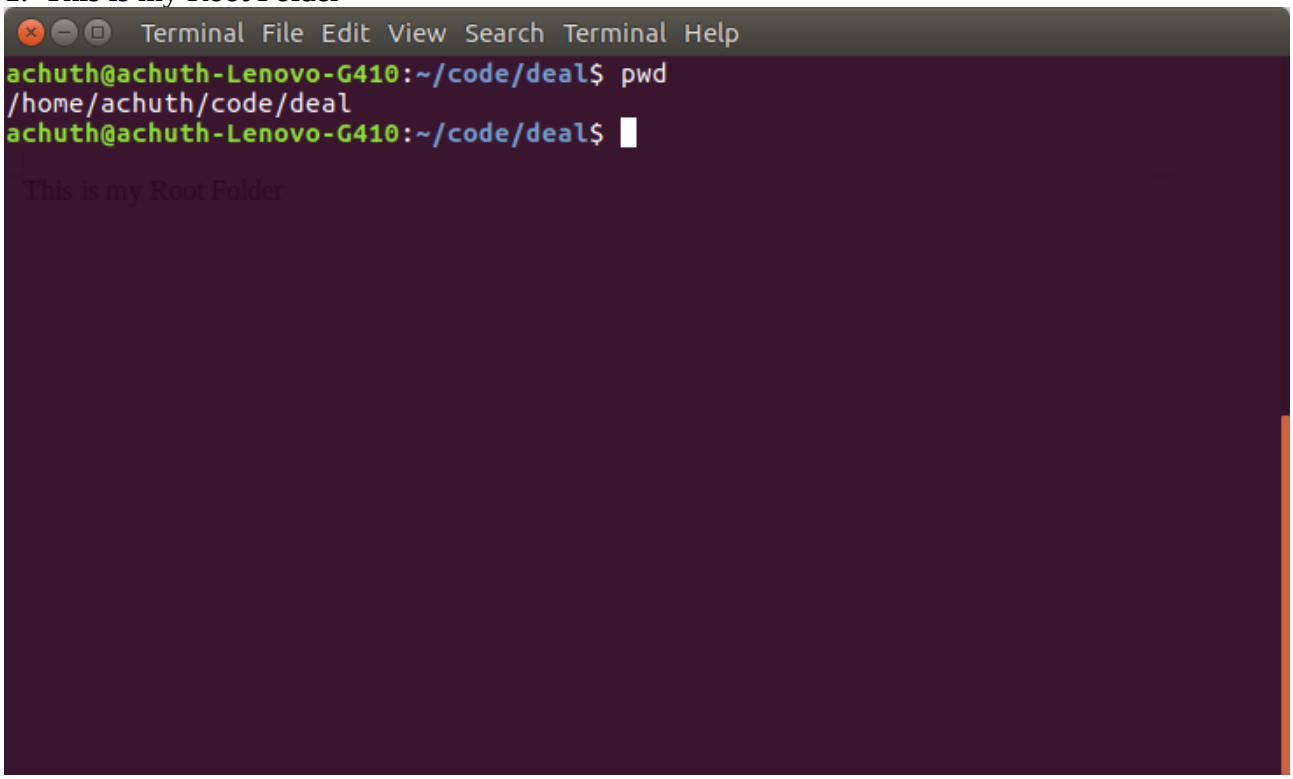
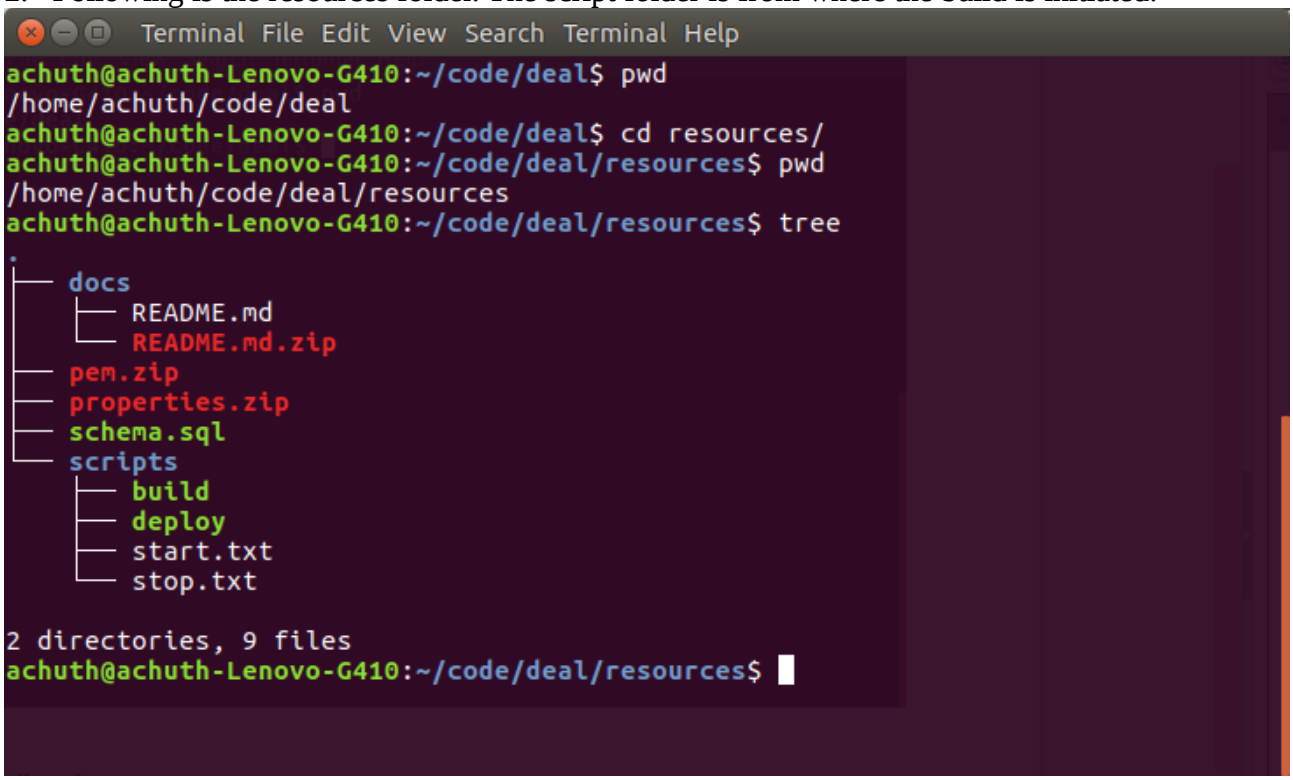
Deal (Developer Guide v1.0)

Before getting started:

1. This is my Root Folder

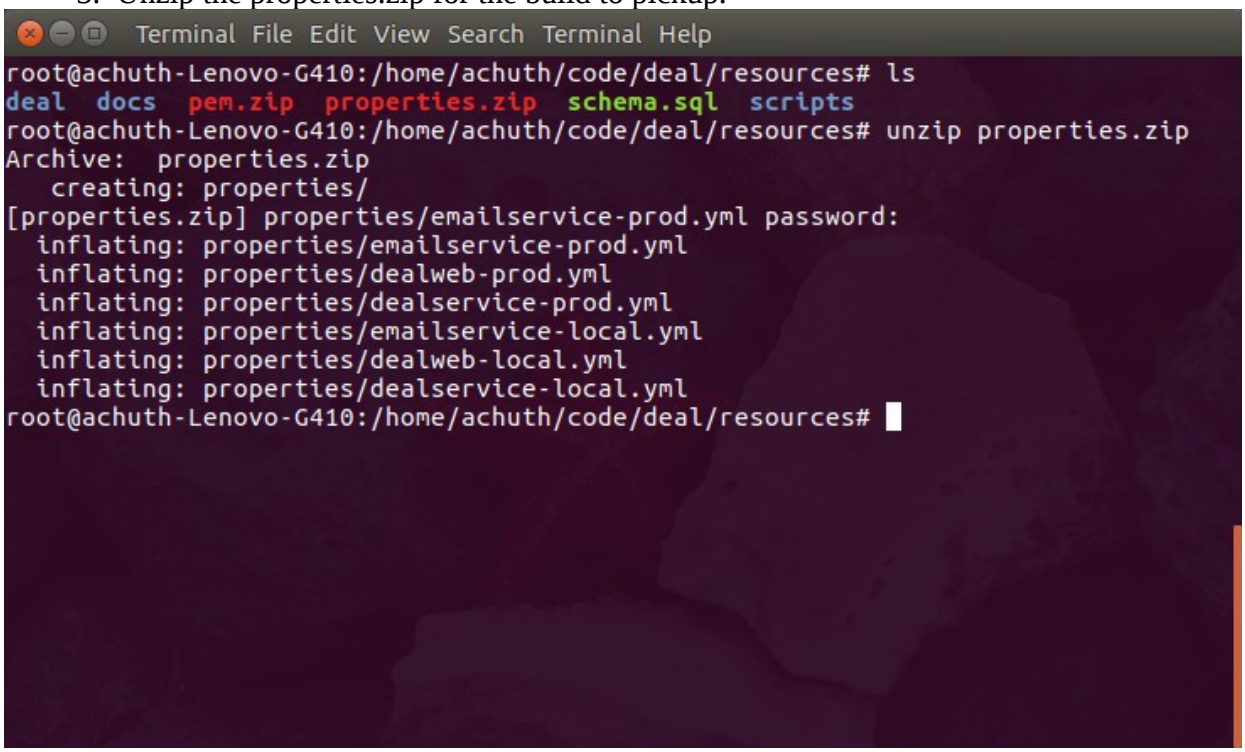


2. Following is the resources folder. The script folder is from where the build is initiated:



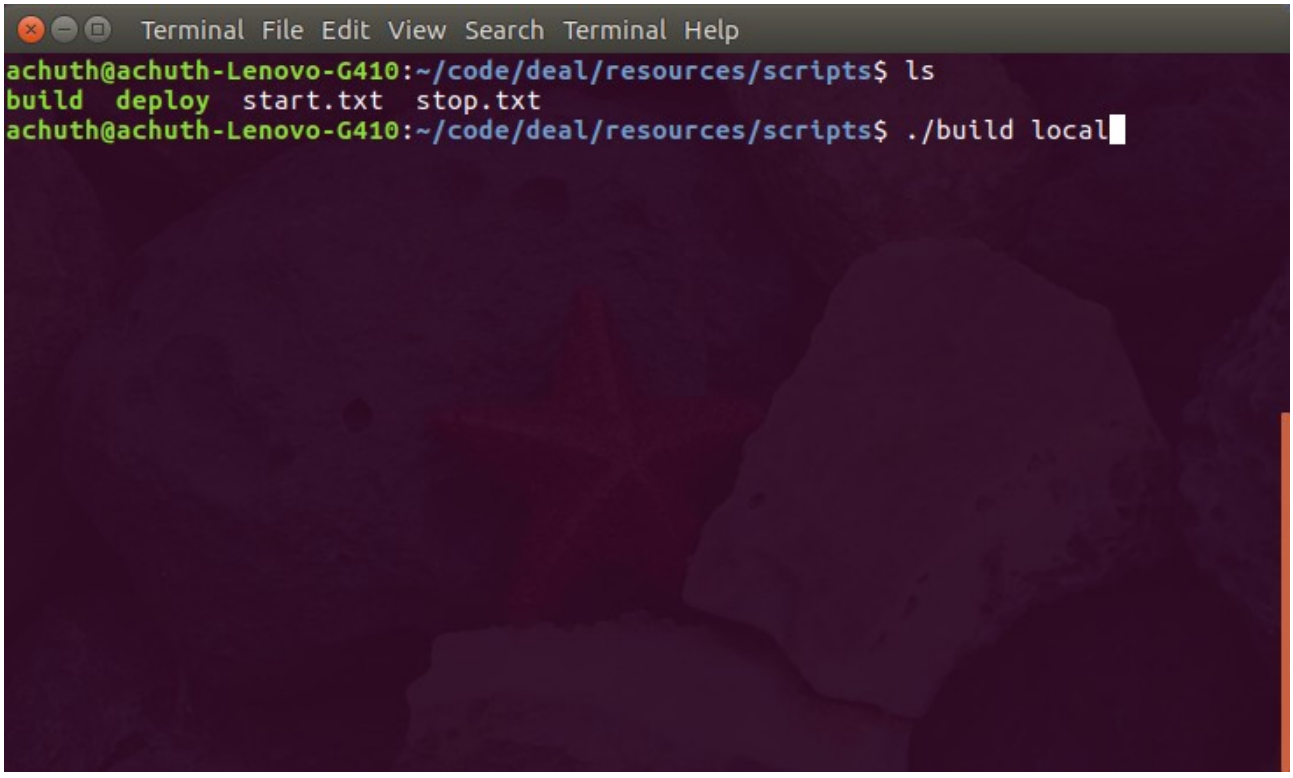
Note: the zip files are password encrypted since it contains information such as passwords to use the mail servers and certificates to login into AWS for production .

3. Unzip the properties.zip for the build to pickup.



Building the application:

1. To initiate a local build/deploy do the following:



Prerequesites: Install mysql-server. Default password used is “admin123” and is included in the dealservice-local.yml. This can be changed as per need.

```
Terminal File Edit View Search Terminal Help

root@achuth-Lenovo-G410:/home/achuth/code/deal/resources# mysql --user="root" --password="admin123" < schema.sql
```

This will create the database objects such as schema, tables etc.

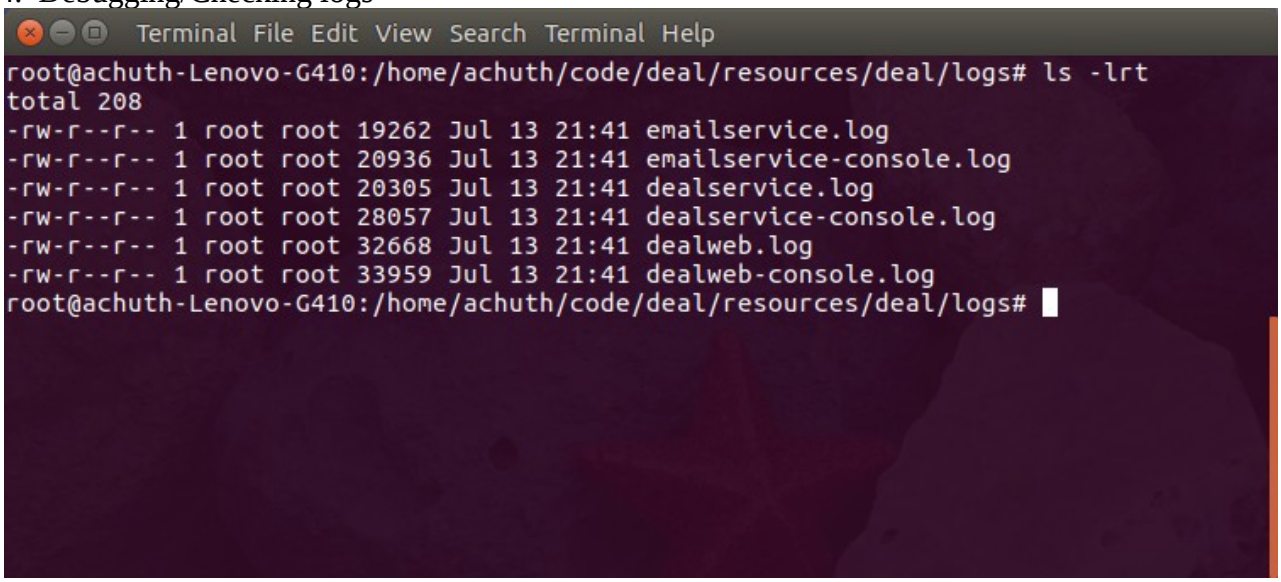
2. build will create a folder named deal:

```
Terminal File Edit View Search Terminal Help

.
├── deal
│   ├── dealservice.jar
│   ├── dealweb.jar
│   ├── emailservice.jar
│   ├── env.sh
│   ├── logs
│   ├── properties
│   │   ├── dealservice-local.yml
│   │   ├── dealweb-local.yml
│   │   └── emailservice-local.yml
│   ├── start
│   └── stop
├── pem.zip
├── properties
│   ├── dealservice-local.yml
│   ├── dealservice-prod.yml
│   ├── dealweb-local.yml
│   ├── dealweb-prod.yml
│   ├── emailservice-local.yml
│   └── emailservice-prod.yml
├── properties.zip
├── schema.sql
└── scripts
    ├── build
    ├── deploy
    ├── start.txt
    └── stop.txt

5 directories, 22 files
root@achuth-Lenovo-G410:/home/achuth/code/deal/resources#
```

3. To start the application simply do the following:

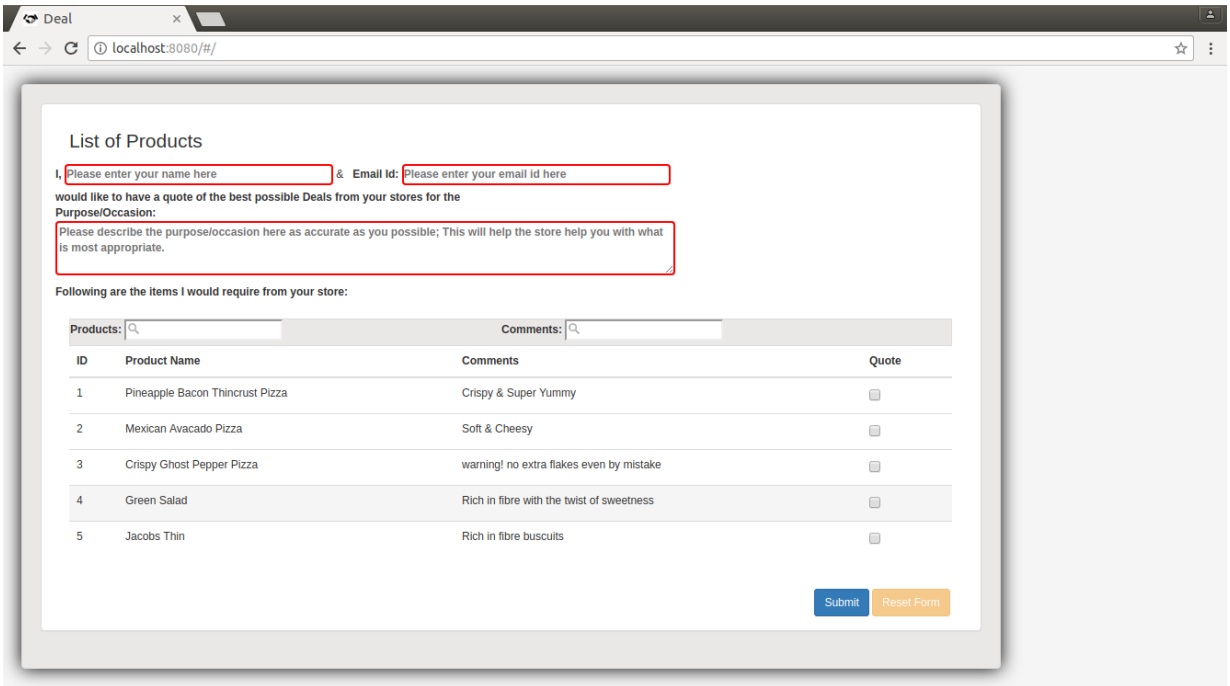
```
Terminal File Edit View Search Terminal Help

root@achuth-Lenovo-G410:/home/achuth/code/deal/resources# cd deal/
root@achuth-Lenovo-G410:/home/achuth/code/deal/resources/deal# ls
dealservice.jar  emailservice.jar  logs        start
dealweb.jar      env.sh            properties  stop
root@achuth-Lenovo-G410:/home/achuth/code/deal/resources/deal# ./start all
```

4. Debugging/Checking logs

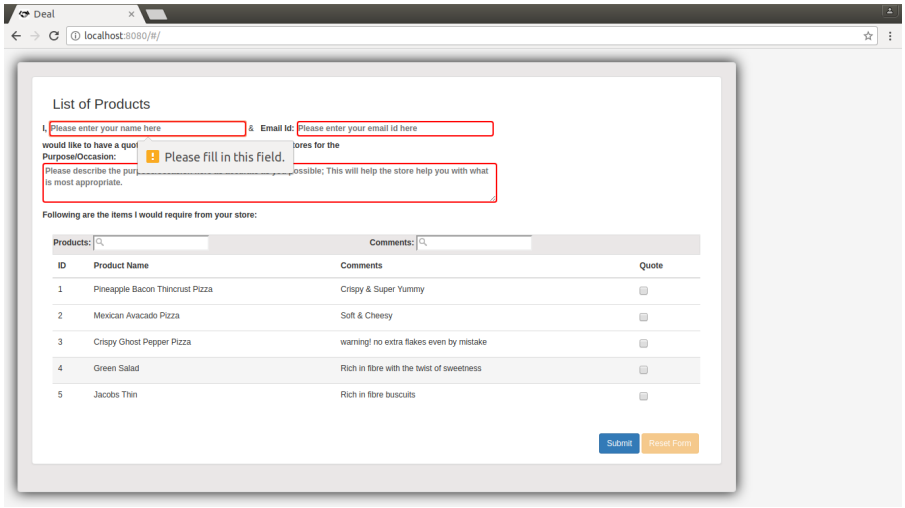


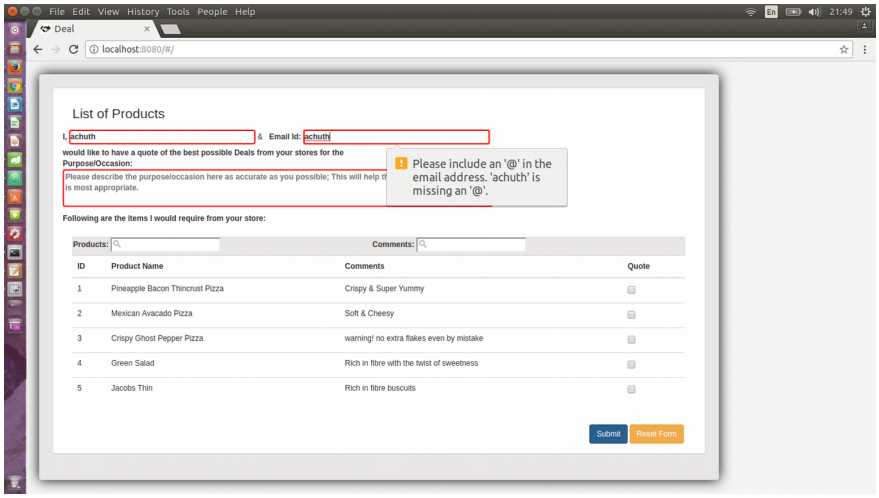
Testing the application

1. landing page:



Validation


Deal
localhost:8080/#/
List of Products
I, Please enter your name here & Email Id: Please enter your email id here
would like to have a quo stores for the
Purpose/Occasion:
Please fill in this field.
Please describe the pur ossible; This will help the store help you with what is most appropriate.
Following are the items I would require from your store:
Products: Comments:
ID Product Name Comments Quote
1 Pineapple Bacon Thincrust Pizza Crispy & Super Yummy
2 Mexican Avacado Pizza Soft & Cheesy
3 Crispy Ghost Pepper Pizza warning! no extra flakes even by mistake
4 Green Salad Rich in fibre with the twist of sweetness
5 Jacobs Thin Rich in fibre buscuits
Submit Reset Form


File Edit View History Tools People Help
Deal
localhost:8080/#/
List of Products
I, achuth & Email Id: achuth
would like to have a quote of the best possible Deals from your stores for the
Purpose/Occasion:
Please describe the purpose/occasion here as accurate as you possible; This will help th
is most appropriate.
Please include an '@' in the email address. 'achuth' is missing an '@'.
Following are the items I would require from your store:
Products: Comments:
ID Product Name Comments Quote
1 Pineapple Bacon Thincrust Pizza Crispy & Super Yummy
2 Mexican Avacado Pizza Soft & Cheesy
3 Crispy Ghost Pepper Pizza warning! no extra flakes even by mistake
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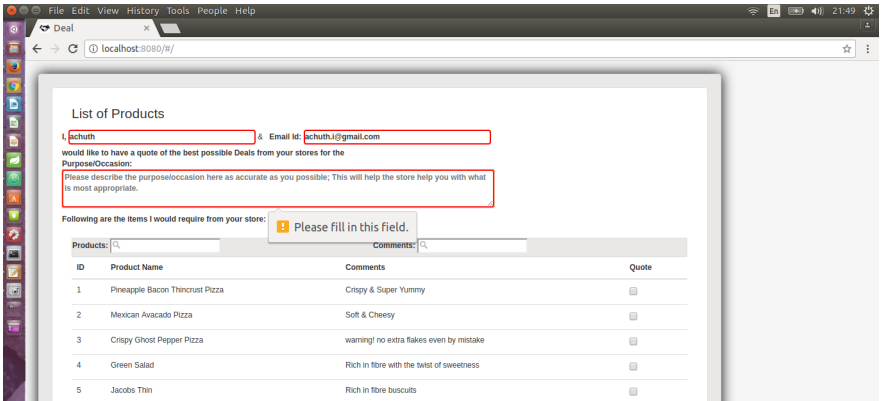
File Edit View History Tools People Help
Deal
localhost:8080/#/
List of Products
I, achuth & Email Id: achuthJ@gmail.com
would like to have a quote of the best possible Deals from your stores for the
Purpose/Occasion:
Please describe the purpose/occasion here as accurate as you possible; This will help the store help you with what is most appropriate.
Following are the items I would require from your store:
Please fill in this field.
Products: Comments:
ID Product Name Comments Quote
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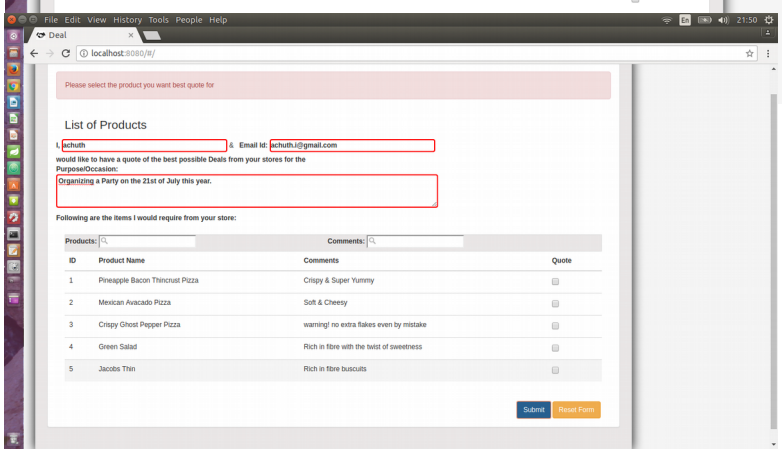
File Edit View History Tools People Help
Deal
localhost:8080/#/
Please select the product you want best quote for
List of Products
I, achuth & Email Id: achuthJ@gmail.com
would like to have a quote of the best possible Deals from your stores for the
Purpose/Occasion:
Organizing a Party on the 21st of July this year.
Following are the items I would require from your store:
Products: Comments:
ID Product Name Comments Quote
1 Pineapple Bacon Thincrust Pizza Crispy & Super Yummy
2 Mexican Avacado Pizza Soft & Cheesy
3 Crispy Ghost Pepper Pizza warning! no extra flakes even by mistake
4 Green Salad Rich in fibre with the twist of sweetness
5 Jacobs Thin Rich in fibre buscuits
Submit Reset Form

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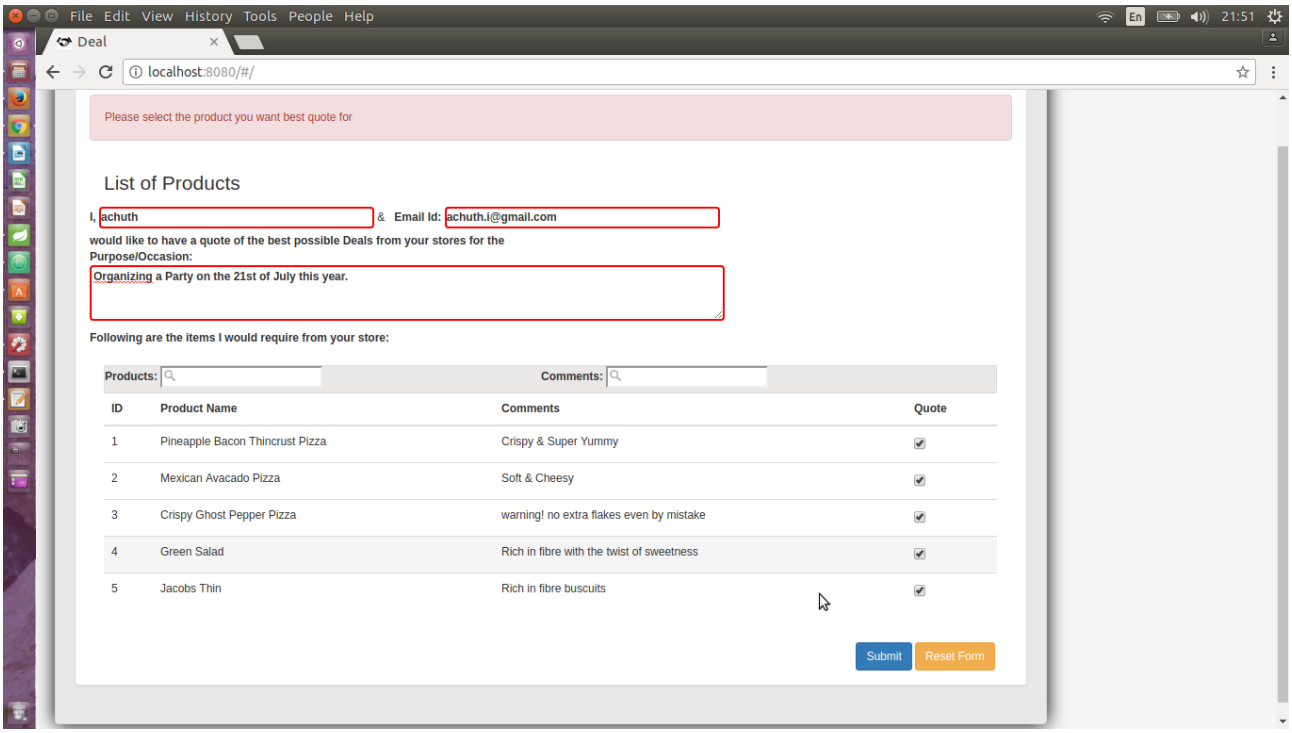
Going to submit



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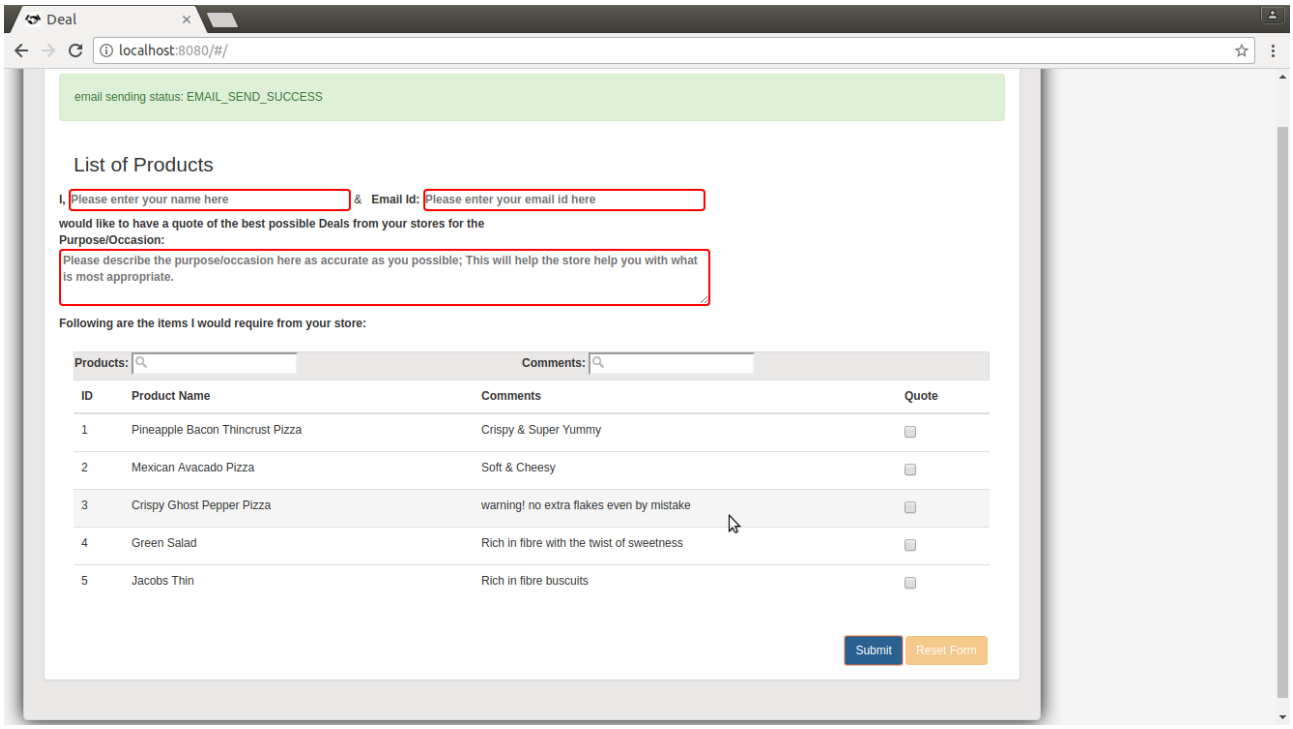
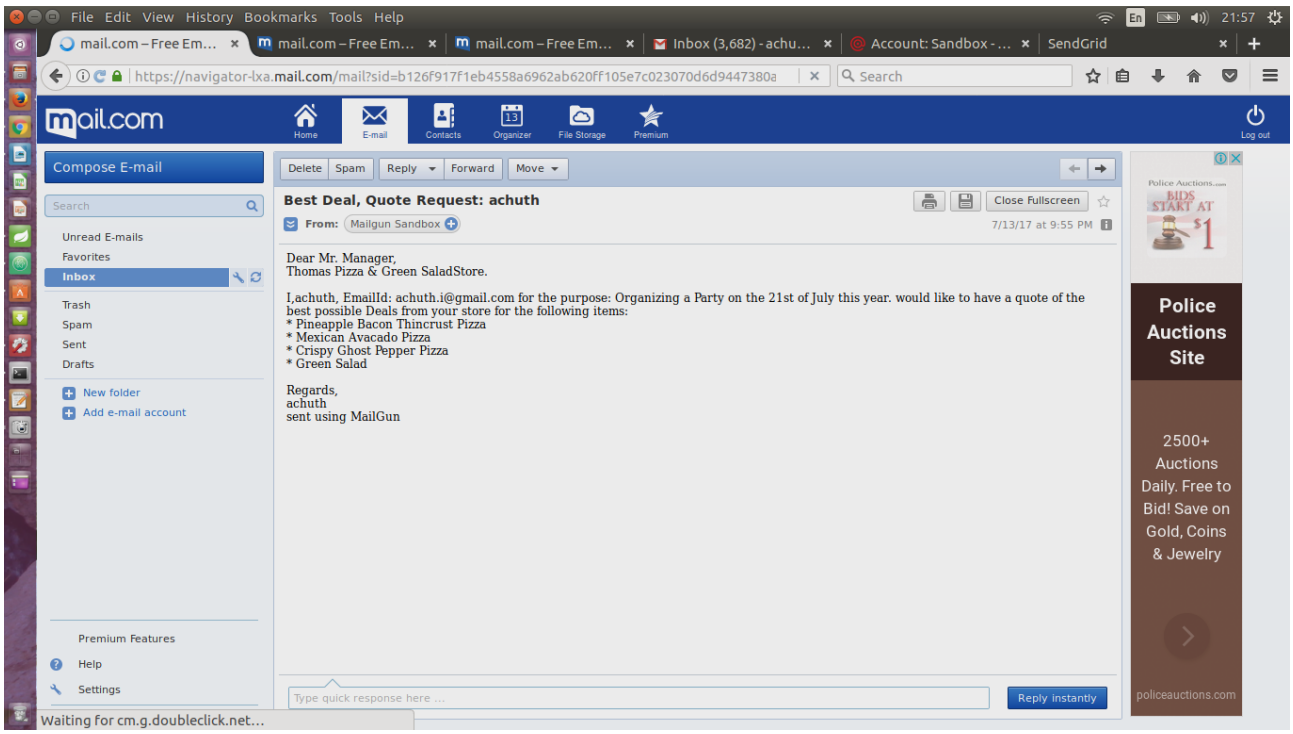


Emails to both the stores from MailGun and SendGrid(Fail over to Mail Gun). In our case Mailgun failed to send email to Jacobs since he is deliberately not registered with MailGun (where as thomas is) and the free tier of MailGun Mandates its recipients to register. We have not registered to simulate the fail over situation. Thus the email says sent by Mail Gun.



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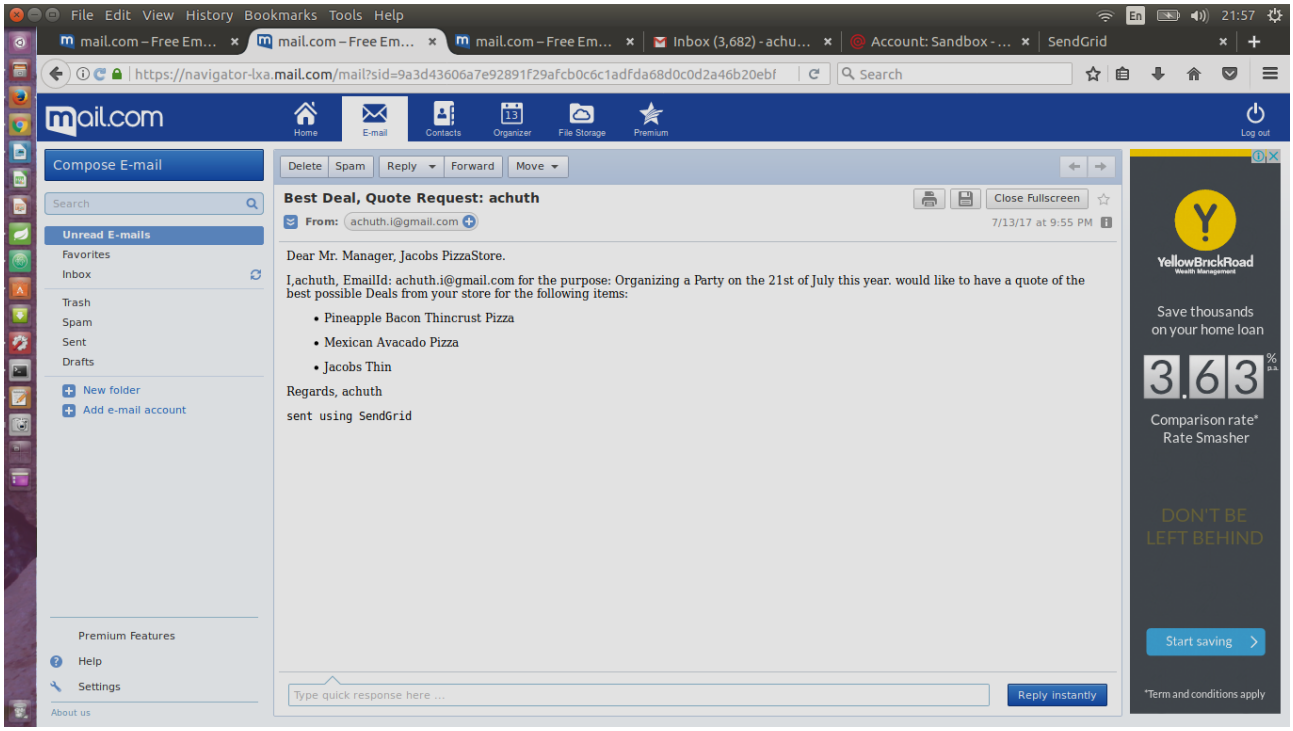
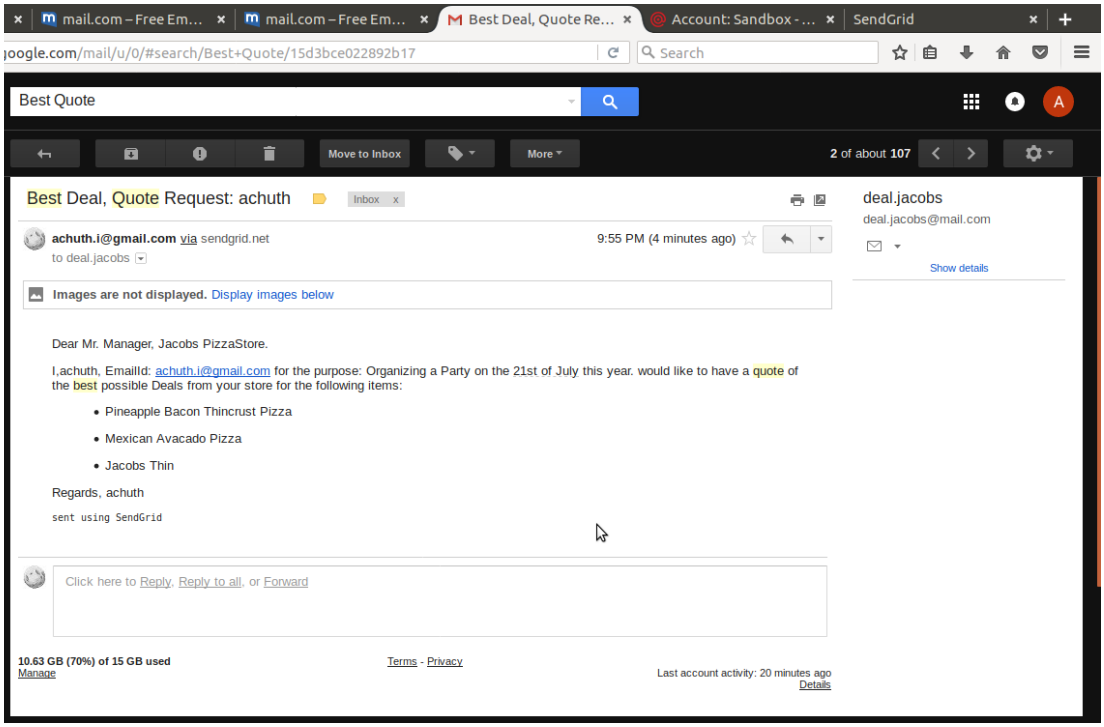
Now for the email sent by SendGrid



The Cc to the person who has requested the quote: in this case – achuth.i@gmail.com



The BCC to the Deal Admin

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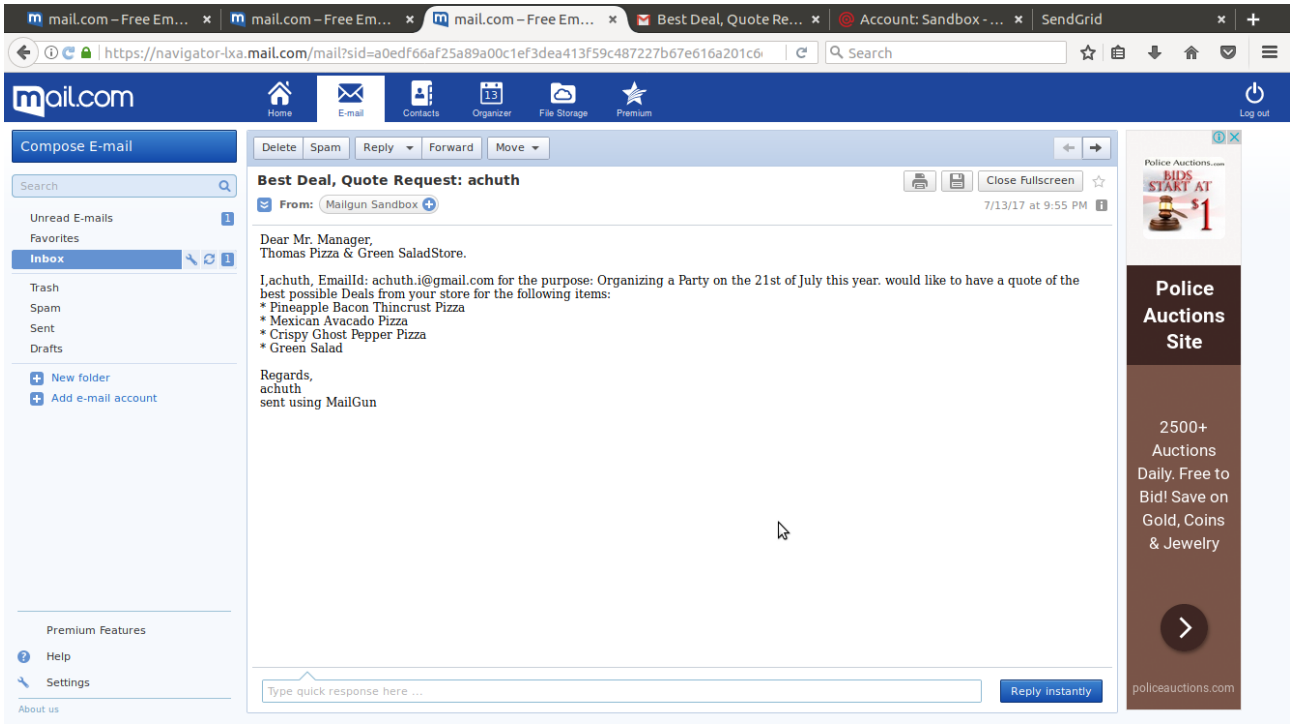

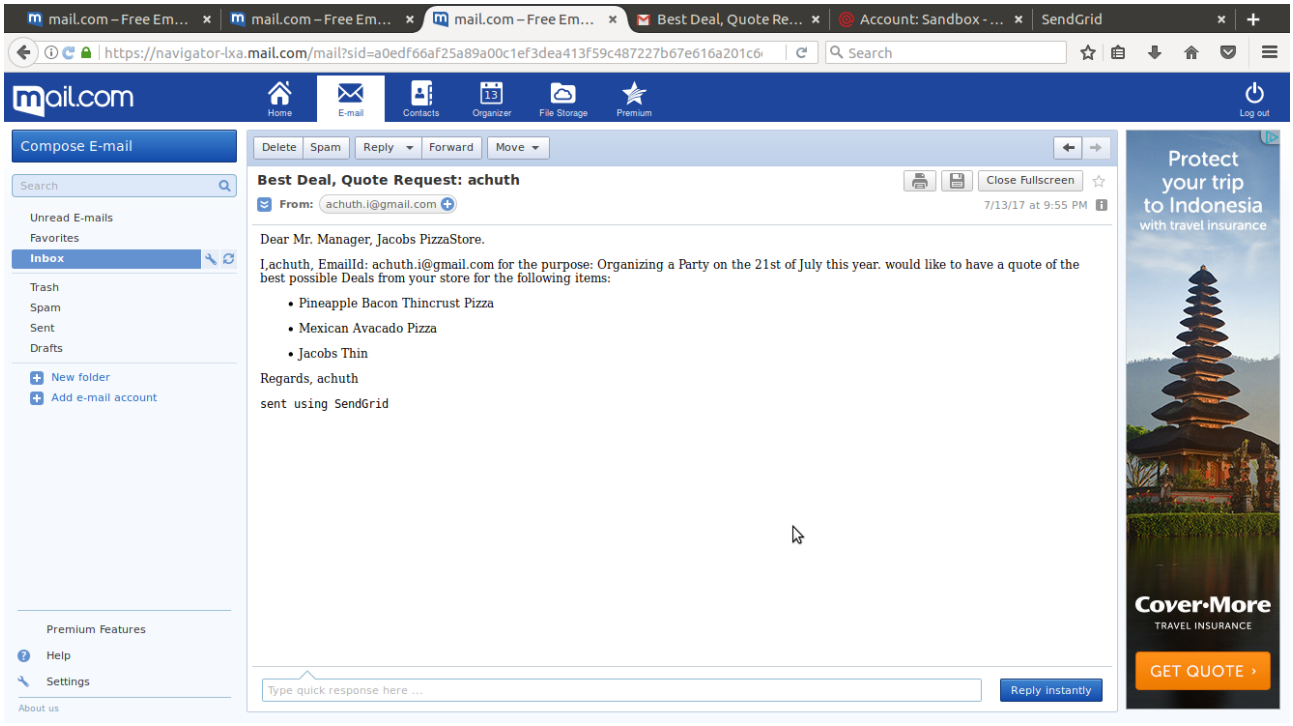

Production deployment: AWS EC2 instance

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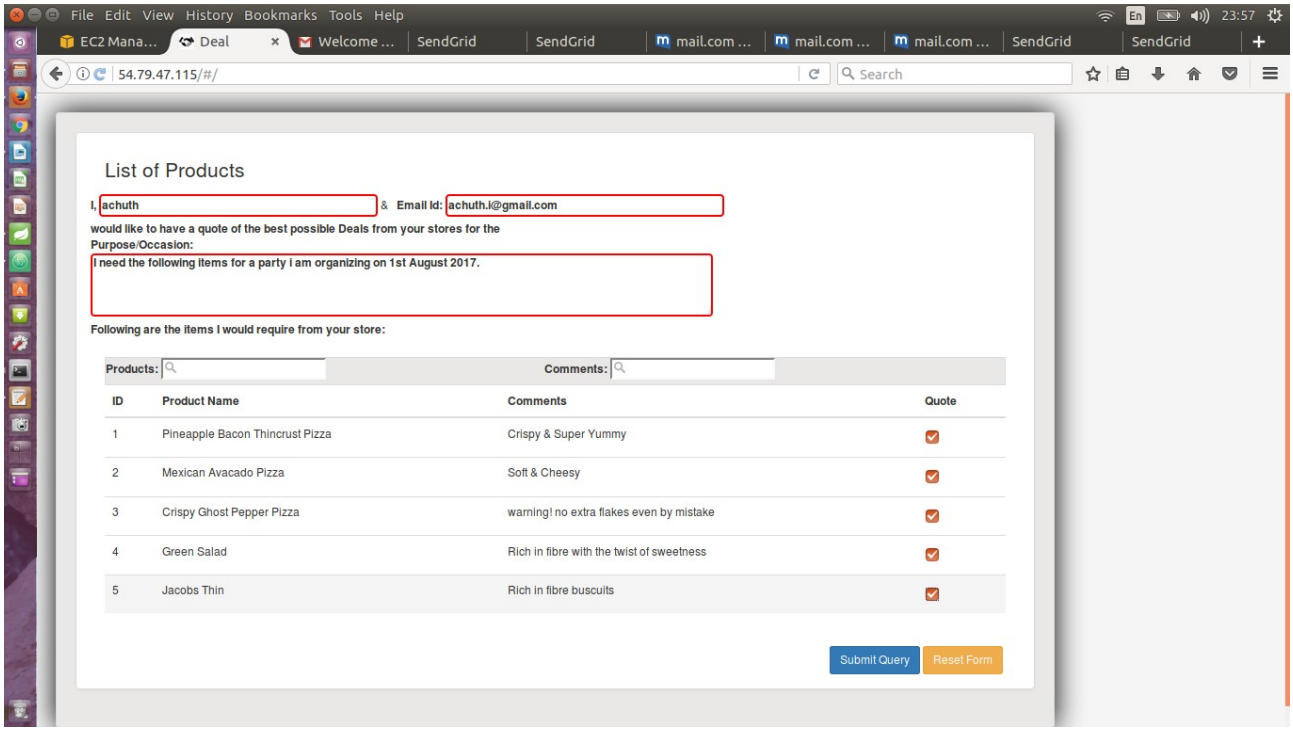
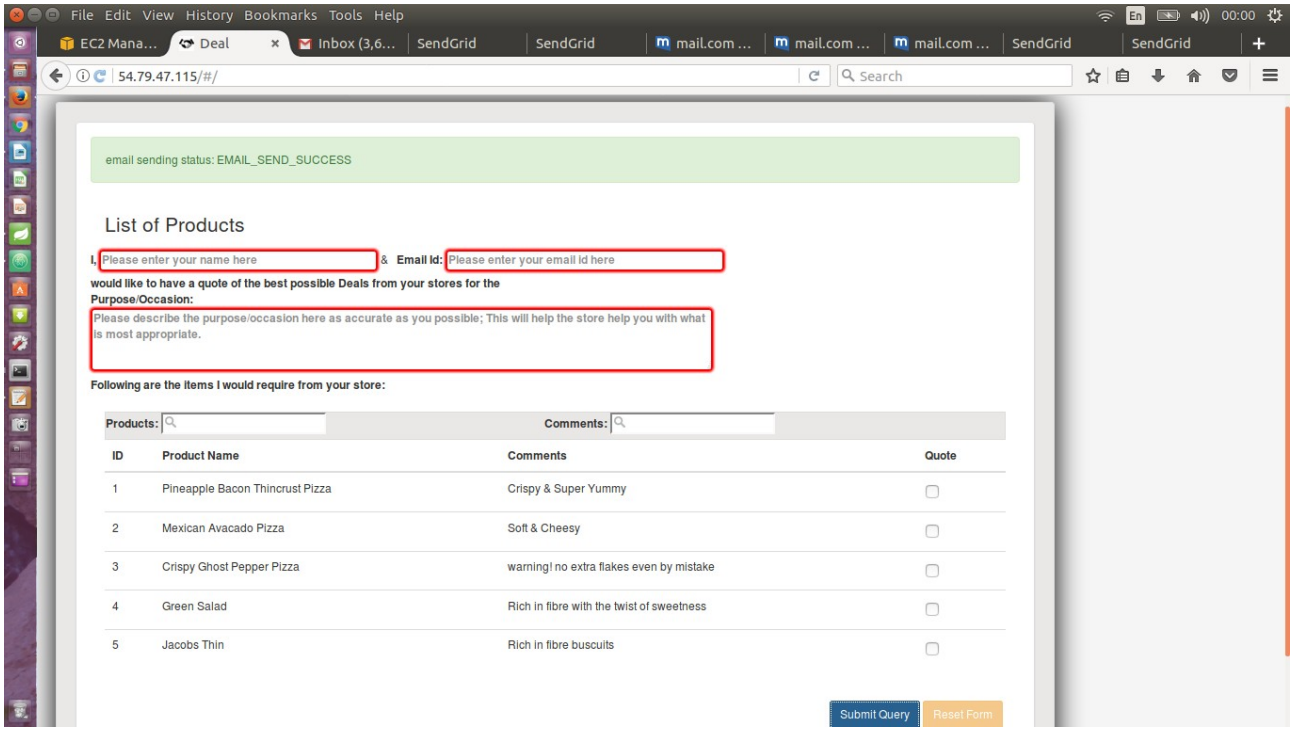
- Before submitting on production



Submitted request successfully.



- CC Mails to the customer

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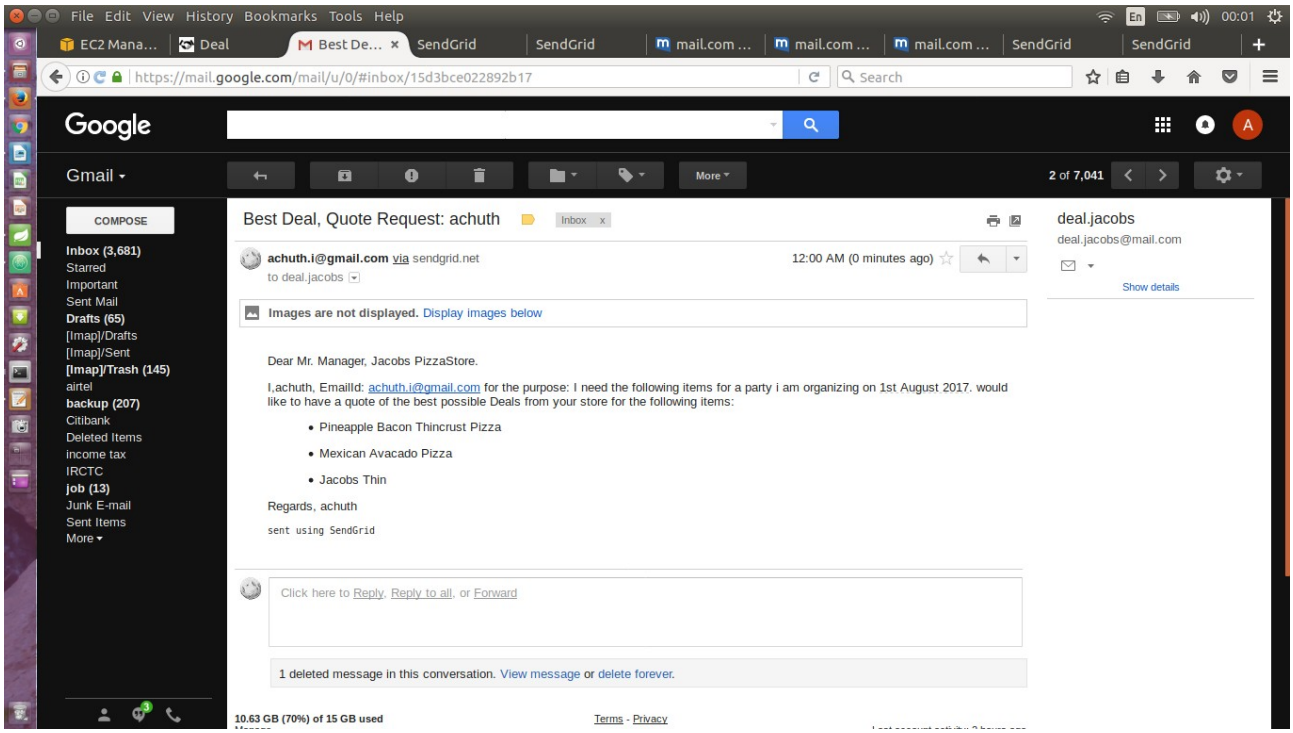

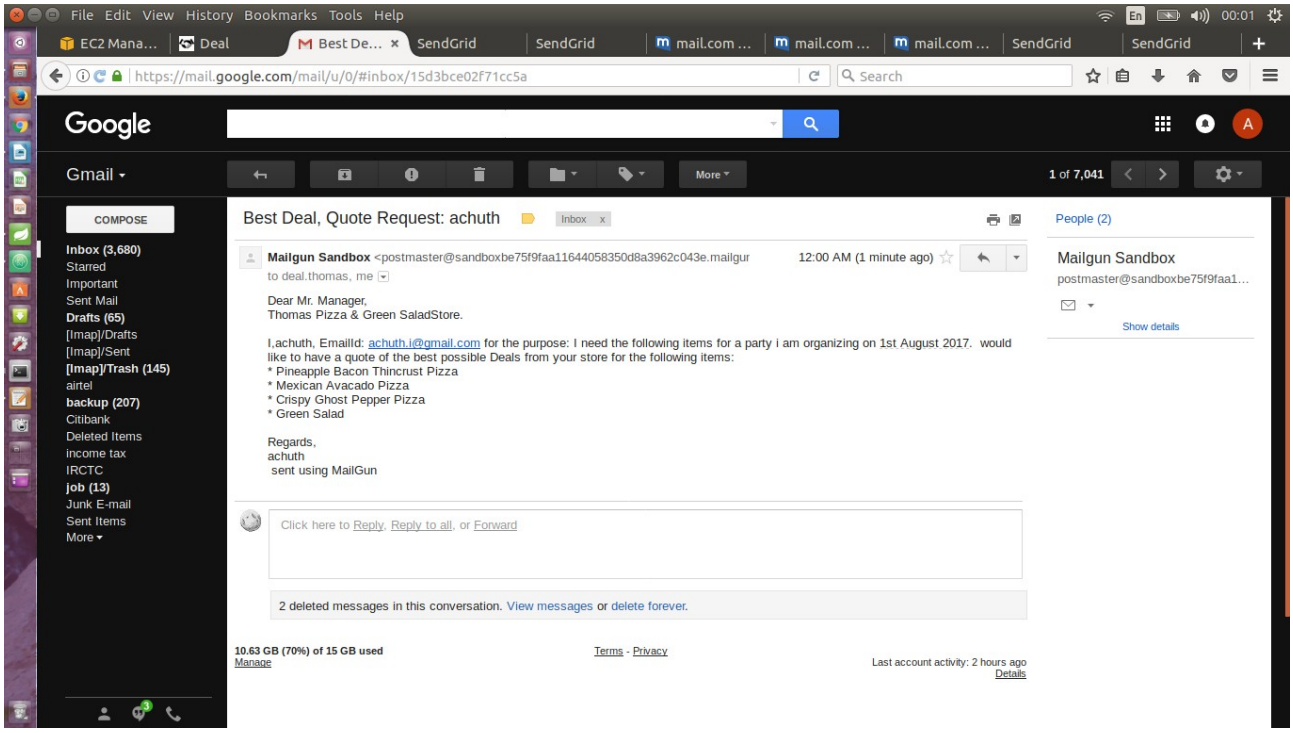

Bcc Mail to Deal Admin:

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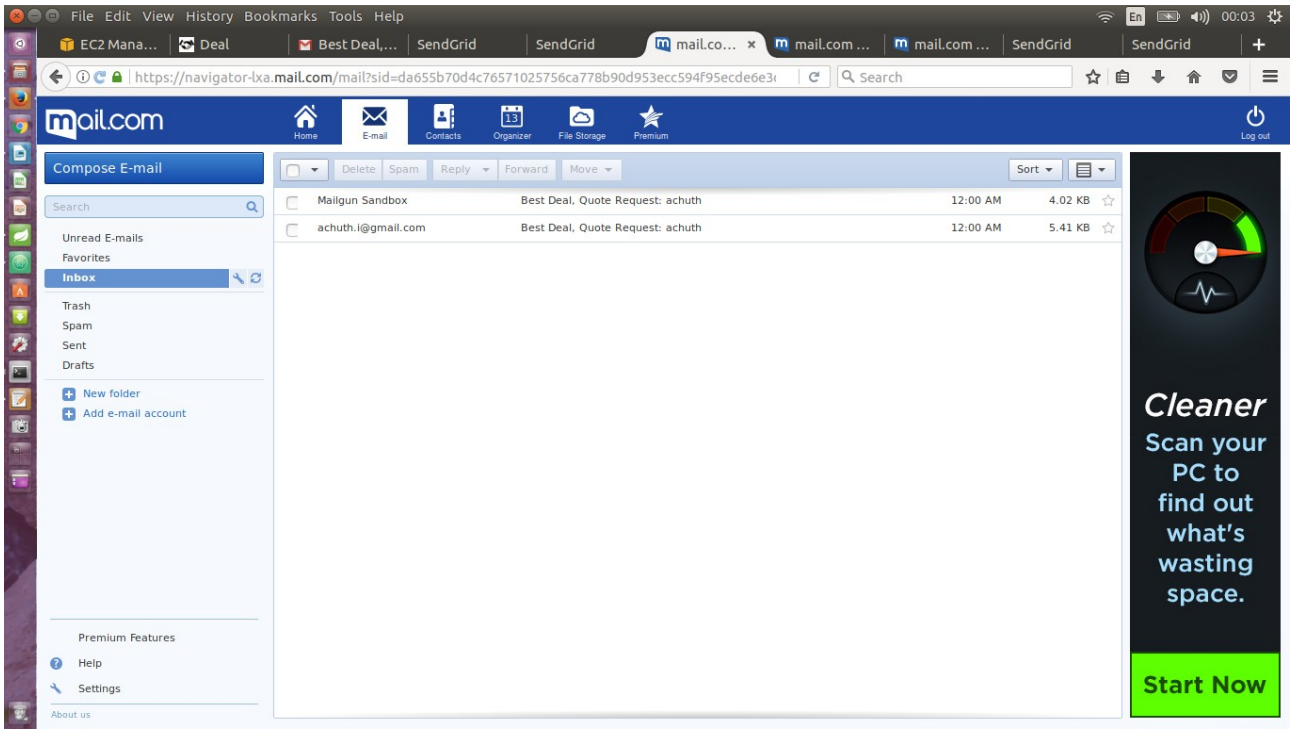
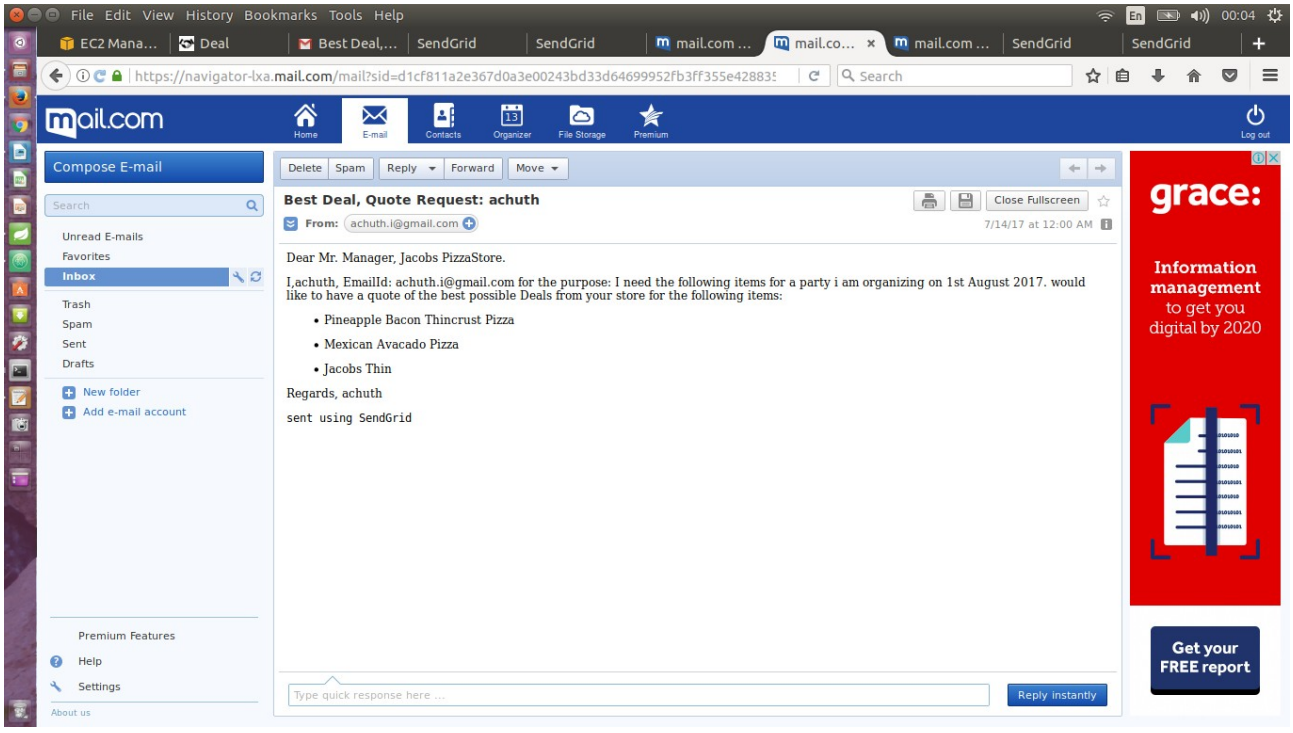


- Jacobs Store Email:



- Email to Thomas Store

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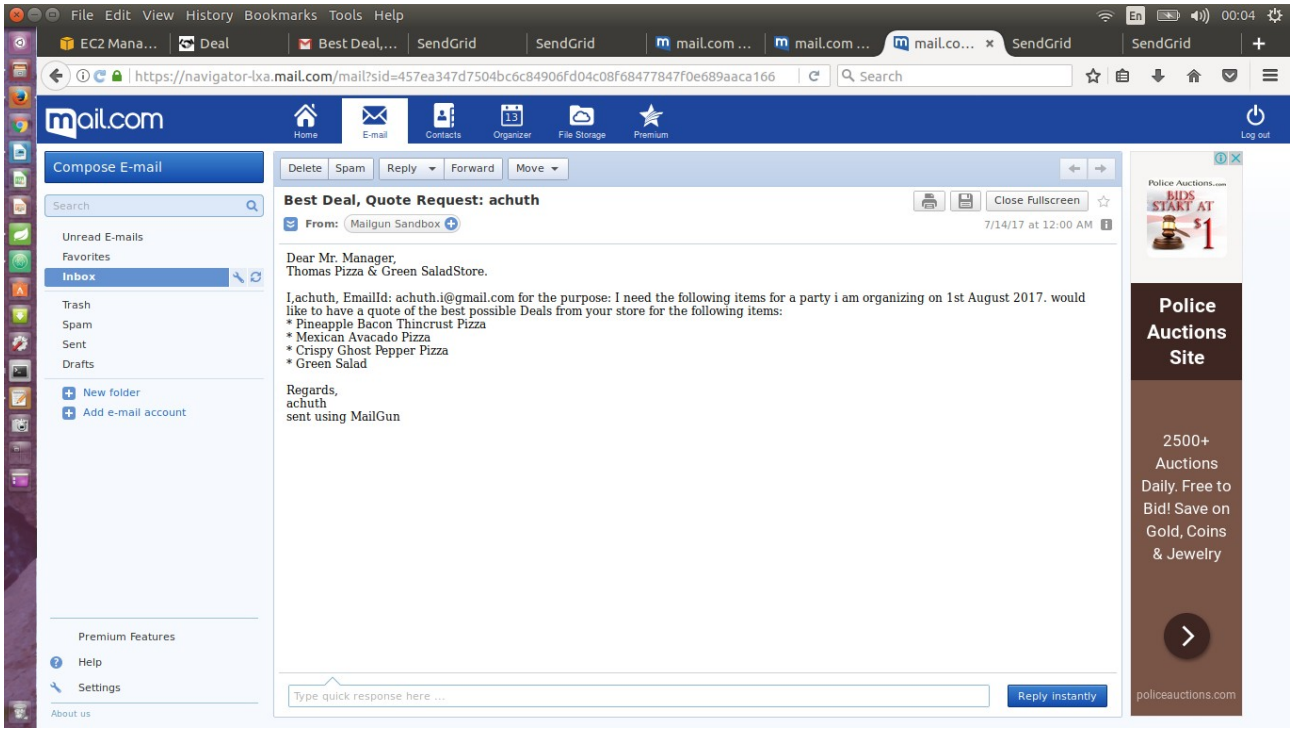

Thankyou!