


## “La La Lamp”- The NYUAD IGEM Official App

**Step 1:** When you download the .zip file, you’ll be greeted with the files below.

Name	Size	Packed	Type	Modified	CRC32
..			File folder		
nyuadigemClass...			File folder	10/25/2017 1:3...	
Properties			File folder	10/25/2017 1:3...	
_Templatelcon...	45,866	45,436	PNG File	10/25/2017 1:3...	3BC1A354
App.config	368	241	XML Configuratio...	10/25/2017 1:3...	CCAE8C43
MyTemplate.vst...	2,209	562	Visual Studio Proje...	10/25/2017 1:3...	F9E49952
NYUAD IGEM -1...	4,153	1,222	Visual C# Project file	10/25/2017 1:3...	F66AB8B0
NYUAD IGEM.cs	4,359	958	Visual C# Source file	10/25/2017 1:3...	4E4E715B
NYUAD IGEM.D...	14,775	2,491	Visual C# Source file	10/25/2017 1:3...	5E3F0E0A
NYUAD IGEM.exe	138,240	126,833	Application	10/25/2017 5:1...	727B5D86
NYUAD IGEM.resx	186,282	124,921	.NET Managed Res...	10/25/2017 1:3...	CC963CA3
Program.cs	540	283	Visual C# Source file	10/25/2017 1:3...	26D7EED9
zxing.dll	436,224	192,192	Application extens...	10/25/2017 5:2...	199EB17D

**Step 2:** Extract the .zip file using Winrar or 7zip, and open NYUAD IGEM.exe. This will open the following window:

NYUAD IGEM x



NYUAD iGEM  
E.coLAMP

Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.

Upload QR Code

S.N.	QR Value	Result	Date/Time	Location	Comments
*					

QR Value:  Scan!

Result (P/N):


Location:

Comments:

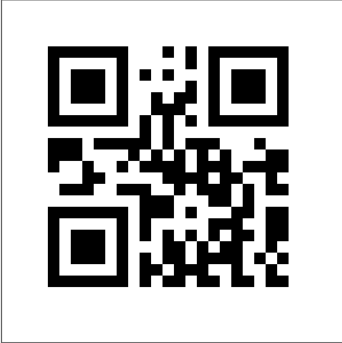
Add to Database

**Step 3:** Next, click on “Upload QR Code”, add the picture of the QR code from your device, which will show up on the box at the left. For this demonstration, I have created a unique QR code called “Testsb”, and uploaded it to the application. This will look as follows:

NYUAD iGEM x



*Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.*



QR Value:

Result (P/N):

Location:

Comments:


Upload QR Code

S.N.	QR Value	Result	Date/Time	Location	Comments
*					


**Add to Database**

**Step 4:** Click on “Scan!” (the green box). The QR code will be automatically inserted in the adjacent box.

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*Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.*



QR Value:

Result (P/N):

Location:

Comments:

Upload QR Code


S.N.	QR Value	Result	Date/Time	Location	Comments
*					

**Add to Database**


**Step 5:** Check whether you got a positive or a negative result for your experiment and input it in the “Result” dropdown. Next, add your location and a few other comments (such as not a perfect product,

or somewhere in between that can be explained only through text) in the “Comments” section. I will input one of my results below.

NYUAD IGEM x



*Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.*



QR Value:  Scan!

Result (P/N):

Location:

Comments:


Upload QR Code

	S.N.	QR Value	Result	Date/Time	Location	Comments
*						


Add to Database

**Step 6:** I can now simply add all this information to the database. The application automatically reads the time, and displays it along other inputs in a tabular form.

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*Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.*



QR Value:  Scan!

Result (P/N):

Location:

Comments:

Upload QR Code


	S.N.	QR Value	Result	Date/Time	Location	Comments
▶	1	Testsb	Positive	10/26/2017 8:43:02 PM	Abu Dhabi	--
*						

Add to Database

**Step 7:** I decide to close my application, and open it again. I can add fresh new results to the database, but the previous one is also stored, which I will demonstrate soon. Now, I enter a few new information.



Thank you for using our application. Please upload your QR code below, enter the required information, and update your results to the registry.



QR Value:  Scan!

Result (P/N):

Location:

Comments:

Upload QR Code

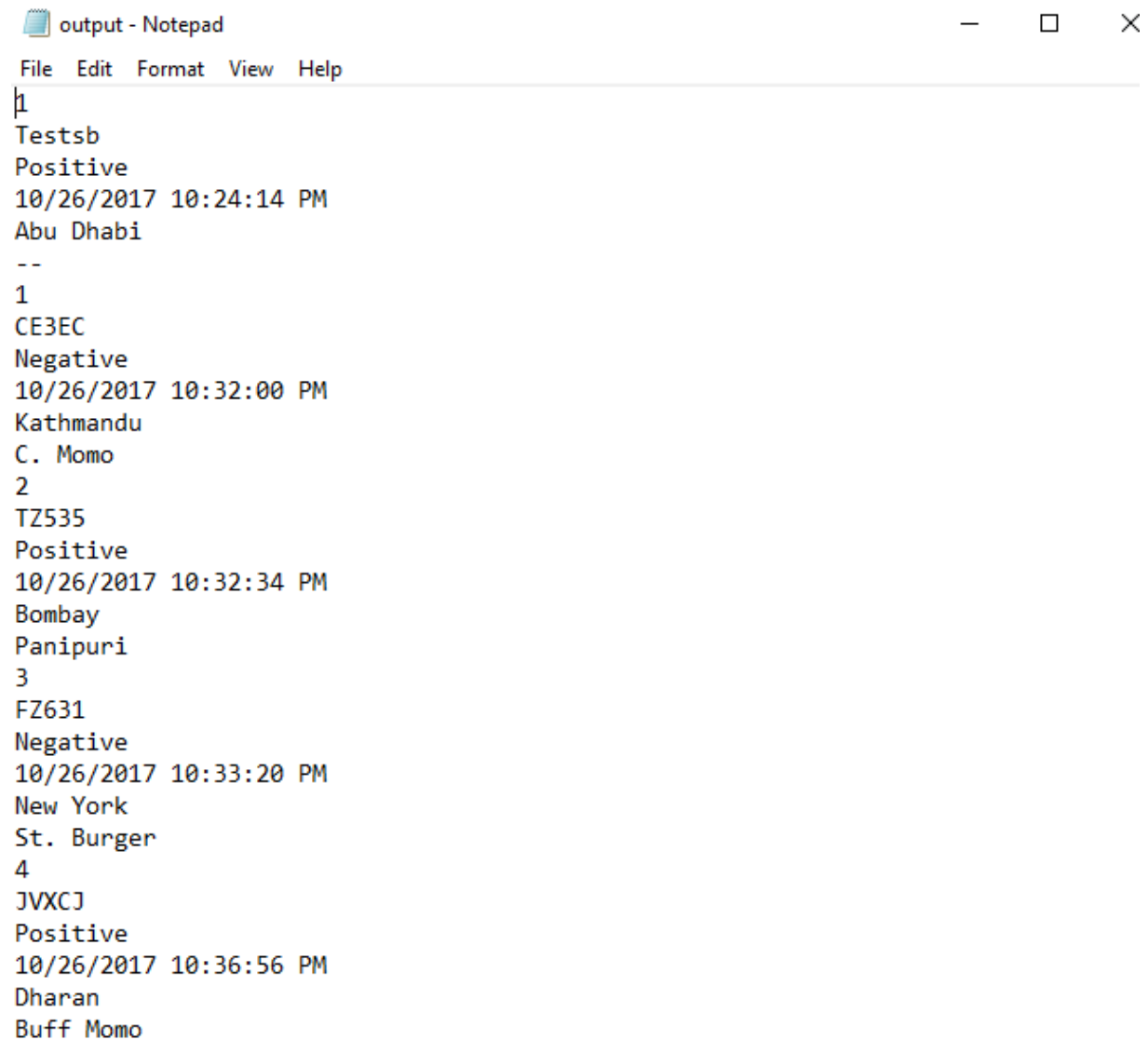
S.N.	QR Value	Result	Date/Time	Location	Comments
1	CE3EC	Negative	10/26/2017 10:32:00 PM	Kathmandu	C. Momo
2	TZ535	Positive	10/26/2017 10:32:34 PM	Bombay	Panipuri
3	FZ631	Negative	10/26/2017 10:33:20 PM	New York	St. Burger
4	JVXCJ	Positive	10/26/2017 10:36:56 PM	Dharan	Buff Momo
*					

Add to Database

**Step 8:** But where is all this information going? The program is currently equipped to save the results as a .txt file in the computer.

Name	Date modified	Type	Size
output	10/26/2017 10:38 ...	Text Document	1 KB


These are the outputs stored from our previous input:



```
output - Notepad
File Edit Format View Help
1
Testsb
Positive
10/26/2017 10:24:14 PM
Abu Dhabi
--
1
CE3EC
Negative
10/26/2017 10:32:00 PM
Kathmandu
C. Momo
2
TZ535
Positive
10/26/2017 10:32:34 PM
Bombay
Panipuri
3
FZ631
Negative
10/26/2017 10:33:20 PM
New York
St. Burger
4
JVXCJ
Positive
10/26/2017 10:36:56 PM
Dharan
Buff Momo
```

**Step 9:** Say you have a backup of the logfile from someone else's store, and you want to check it. With the 4<sup>th</sup> Beta version of the app, users can now check what's on their notepad file simply by uploading it to the app.

NYUAD iGEM ✕



**QR Value:**  Scan!

**Result (P/N):**

**Location:**

**Comments:**

Upload QR Code

S.N.	QR Value	Result	Date/Time	Location	Comments
▶ 1	3214	Positive	10/31/2017 7:19:07 PM	Abu Dhabi	Salmon
2	7619	Negative	10/31/2017 7:19:37 PM	Kathmandu	MoMo
•					


Add to Database

*Check previous data (upload a file below):*

Upload File

**Step 10:** Your results from another file can be displayed in the app itself, as shown below. You can scroll through the box at the bottom right, which has all your previous data, displayed adjacent to what the values are for (QR Value, Result, etc).

NYUAD iGEM ✕



**QR Value:**  Scan!

**Result (P/N):**

**Location:**

**Comments:**

Upload QR Code

S.N.	QR Value	Result	Date/Time	Location	Comments
▶ 1	3214	Positive	10/31/2017 7:19:07 PM	Abu Dhabi	Salmon
2	7619	Negative	10/31/2017 7:19:37 PM	Kathmandu	MoMo
•					

Add to Database

*Check previous data (upload a file below):*

```
Serial Number = 1
QR value = 3214
Result = Positive
Date/Time = 10/31/2017 7:19:07 PM
Location = Abu Dhabi
Comments = Salmon

Serial Number = 2
QR value = 7619
```

Upload File

Are you a Mac user? You can still try our app using an application known as “WineBottler” (<http://winebottler.kronenberg.org/>). We have tried using this app on a MacOS computer, and its works perfectly fine!