

Lot in the Box

Idea :

To encrypt details about every event (like hackathon , orientations) in the campus to something similar to QR Code and develop an android application to scan that and get the details of the event and add remainder to the phone.

For example , the event has many attributes like Date, Place, Speaker,Organizing club..

Everytime we take a pic of that poster and then add remainder to phone or just write somewhere.

So now, we add a small QR code at a corner (that QR code will be generated using our app) and then you scan it using your android phone and then done.

Automatically remainder gets added and all events will be displayed if you open that app.

Learning Outcomes :

- Encryption Mechanism and Cryptography
- Image processing
- Android Application Development.

Timeline

Week1:

Study Encryption , understand how QR code works.

Week2:

Image processing, Creating QR code using our own techniques

Week3:

Compressing the Data

Learning Android

Week4:

Writing the app

Week5:

User interface and improvements.

Practical issues.

Future Perspective:

Very useful to the freshies.

Cost Estimate:

We don't think there will be expenses