Sprint #2

Timeframe: April 14-20

April 14
April 15
April 16
April 20

Scrum Board and Charts: Link

- Ana - Dev Team
- Ivins - Project Owner
- Jacob - Scrum Master
- Jonathan - Dev Team
- Mark - Dev Team
- Victor - Dev Team

April 20

- **Ana**
  - Progress: RSA encodes but does not decode
  - Blocks: Decoding the RSA message
  - Future: Define the function for decoding primes
- **Ivins**
  - Progress: RSA encoding is finished
  - Blocks: Type conversion for the decoding
  - Future: Write conversion for decoding
- **Jacob**
  - Progress: Started writing pseudocode for black/white attack
  - Blocks: Broken VPN
  - Future: Last method of stego attack.
- **Jonathan**
  - Progress: Finished up LSB and started working on attacks. Got it to compare
  - Blocks: Nothing really.
  - Future: New method of steganography
- **Mark**
  - Progress: Write test cases for RSA and research
  - Blocks: No blocks
  - Future: Choose and implement RSA method.
- **Victor**
  - Progress: Wrote and ran tests for all of Jonathan's code and wrote PSNR
  - Blocks: None
  - Future: Help out with missing areas.

April 16

- **Ana**
  - Progress: Worked on encryptor and encoder.
  - Blocks: 313
  - Future: Continue working on encoding.
- **Ivins**
  - Progress:Worked on encryption and encoding
  - Blocks: 313
  - Future: Continue working on encryption
- **Jacob**
  - Progress: Uploaded code for encryption
  - Blocks: Machine problem 4
  - Future: Figure out if image is encrypted
- **Jonathan**
  - Progress: Began working so file can be embedded
  - Blocks: None really
  - Future: Will finish file embedding process
- **Mark**
  - Progress: Nothing
  - Blocks: Other Classes
  - Future: Work towards getting attacks working
- **Victor**
  - Progress: Researched Signal to Noise Ratio: Wrote test cases
  - Blocks: 313
  - Future: Write actual code for Peak Signal noise ratio

April 15

- **Ana**
  - Progress: Miller's Algorithm and prime generator made
  - Blocks: Other classes
  - Future: Decoding and encoding
- **Ivins**
  - Progress: Same as Ana plus a character key
  - Blocks: Machine Problem 4
  - Future: Work on Encoding
- **Jacob**
  - Progress: Nothing
  - Blocks: CSCE 313
  - Future: To Figure out if image is encrypted
- **Jonathan**
  - Progress: Finished embedding string into image both 1 bits and 2 bits and RGB and Grayscale
  - Blocks: None

    - Future: Start working on Stenography attack, and PSNR ratio
- **Mark**
    - Progress: Found a library to replace boost library
    - Blocks: None
    - Future: Work on encryption and decryption
- **Victor**
    - Progress: Wrote stenography test cases
    - Blocks: None
    - Future: Find the PSNR ratio and link test cases with Johnathan's code.

April 14

- **Ana**
    - Progress: Google Test, Generating Primes
    - Blocks: None
    - Future: Decide how to generate primes and which test
- **Ivins**
    - Progress: Google Test, Generating Primes
    - Blocks: Getting Google Test to work
    - Future: Decide how to generate primes and which test
- **Jacob**
    - Progress: Google Test setup, look for Steno examples
    - Blocks: Getting functions between test and code
    - Future: Fixing the connections
- **Jonathan**
    - Progress: Found EasyBMP to import BMP files
    - Blocks: Getting things to work in reverse
    - Future: Work on grayscale images
- **Mark**
    - Progress: Wrote implementation of Miller Probability test for Primality
    - Blocks: Using boost on Linux
    - Future: Talk with subteam
- **Victor**
    - Progress: None
    - Blocks: Communication with subteam
    - Future: Work on implementation