

Main Task Name	Story / Task	Size	User Assigned (AB, IJ, JM, JK, MS, VM)	Days in Sprint / Effort Remaining							
				-	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Example	As a <user> I want a <thing> so that I can <do this>	-	-	-	-	-	-	-	-	-	-
RSA Cryptosystem User Stories											
Generate prime number	As a user, I want to be able to generate large prime numbers so that I can use them to create private and public keys	4		4	4	4	4	4	4	4	4
Generate private and public key	As a user, I want to be able to generate a public and private key so that I can encrypt and decrypt messages	2		2	2	2	2	2	2	2	2
Encode and decode a message	As a user, I want to be able to encode and decode a message using private and public keys so that I can securely send messages	3		3	3	3	3	3	3	3	3
RSA Attacking User Stories											
Factor Public Key	As a user, I want to be able to use multiple public keys to find the designer's private key by using a gcd function	3		3	3	3	3	3	3	3	3
Decode Private Message	As a user, I want to use the private key that was found during factoring to decode the designer's message(s)	3		3	3	3	3	3	3	3	3
Decrypt Private Message	As a user, I want to use an adaptive ciphertext attack to decrypt the designer's previously decoded private message	4		4	4	4	4	4	4	4	4
LSB Image Stego User Stories											
Embed bit in 1-LSB Monochrome plane	As a user, I want to be able to embed a bit into the 1-LSB plane so that I can send secret messages	4		4	4	4	4	4	4	4	4
Extract bit in 1-LSB Monochrome plane	As a user, I want to be able to extract a bit from the 1-LSB plane so that I can decode secret messages	2		2	2	2	2	2	2	2	2
Embed bit in 2-LSB Monochrome plane	As a user, I want to be able to embed a bit into the 2-LSB plane so that I can send secret messages	4		4	4	4	4	4	4	4	4
Extract bit in 2-LSB Monochrome plane	As a user, I want to be able to extract a bit from the 2-LSB plane so that I can decode secret messages	2		2	2	2	2	2	2	2	2
Embed bit in 1-LSB RGB plane	As a user, I want to be able to embed a bit into the 1-LSB plane so that I can send secret messages	4		4	4	4	4	4	4	4	4
Extract bit in 1-LSB RGB plane	As a user, I want to be able to extract a bit from the 1-LSB plane so that I can decode secret messages	2		2	2	2	2	2	2	2	2
Embed bit in 2-LSB RGB plane	As a user, I want to be able to embed a bit into the 2-LSB plane so that I can send secret messages	4		4	4	4	4	4	4	4	4
Extract bit in 2-LSB RGB plane	As a user, I want to be able to extract a bit from the 2-LSB plane so that I can decode secret messages	2		2	2	2	2	2	2	2	2
Find the PSNR	As a user, I want to know the peak signal to noise ratio (PSNR) so that I know the image quality of my produced image	4		4	4	4	4	4	4	4	4
LSB Image Stego Attacking User Stories											
Compare Original Images	As a user, I want to be able to compare images (or checksums) to see whether the image was modified	4		4	4	4	4	4	4	4	4
Extract Data and Find Structure	As a user, I want to be able to extract data from the image and test it for structure	4		4	4	4	4	4	4	4	4
Null Image Data	As a user, I want to be able to null over the image data to destroy any previous message	4		4	4	4	4	4	4	4	4
SPRINT #1				-	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
				15	15	14	10	7	7	7	0
Assign Roles	As a team, we want to assign specific agile roles so that we can work productivity	1	ALL	1	1	1	0	0	0	0	0
Find A Testing Framework	As a team, we need to have a testing framework so that we can have effective test driven development	4	MS, VM	4	4	3	1	0	0	0	0
Create A Backlog	As a developer, I want a graph of the burndown so that I can see our productivity	2	JK	2	2	2	1	0	0	0	0
Create RSA Cryptosystem User Stories	As a developer, I want user stories of the RSA cryptosystem so that I can see what needs to be done	2	IJ	2	2	2	2	2	2	2	0
Create RSA Attacking User Stories	As a developer, I want user stories of the RSA Attacking so that I can see what needs to be done	2	AB	2	2	2	2	2	2	2	0
Create LSB Image Stego Attacking User Stories	As a developer, I want user stories of the steganography attack so that I can see what needs to be done	2	JM	2	2	2	2	2	2	2	0

