

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Interview client in order to acquire the problem.	Interviewed the client. Client presented his problem and other background information. Client wanted a database of different encryption codes in order to perform efficient cryptography activities.	Time start: 9:02 p.m. Time end: 9:04 p.m.	10/21/15 Wednesday	A
2	Finish criterion A rough draft	Finish criterion A rough draft	Time start: 8:35 a.m. Time end: 9:42 a.m.	10/29/15 Thursday	A
3	Create a flowchart for the initial startup of program.	A flowchart that displays the initial startup method for the program	Time start: 8:39 a.m. Time end: 9:00 a.m.	11/26/15 Thursday	B
4	Revise the necessary success criteria, with the decision of my client, for the program in order to be more efficient and due to the quantity of developing methods and algorithms for the program.	Reduce the amount of encryption methods to between 4 and 8.	Time start: 5:35 p.m. Time end: 5: 50 p.m.	11/28/15 Saturday	A/B
5	Discussed with the client what encryptions will be used.	The client plans to use Morse code, Caesar Shift Cipher, Vigenère, Timed Release, and ZigZag	Time start: 6:00 p.m. Time end: 6:15 p.m.	11/28/15 Saturday	A/B

		Writing. For the Timed Release, my client wants to input his time in military format.			
6	Develop the necessary algorithms, tests, diagrams, classes, and designs for the cryptographic program.	Completed Rough Draft of Criterion B that includes all of the necessary diagrams in fulfilling the success criteria of the product.	Time start: 5:03 p.m. Time end: 9:30 p.m.	11/30/15 Monday	A/B
7	Interview client	After speaking with my client, he has informed me that he found it ridiculous to include a timed release method because it serves no purpose in keeping a message encrypted.	Time start: 2:00 p.m. Time end: 2:30 p.m.	1/10/16 Sunday	A/B
8	Start coding morse code method	A completed morse code method that can easily be transferred to a GUI format.	Time start: 6:00 p.m. Time end: 6:30 p.m.	1/24/16 Sunday	C
9	Start coding Caesar cipher method	A completed Caesar cipher method that can easily be transferred to a GUI format.	Time start: 4:00 p.m. Time end: 8:00 p.m.	1/26/16 Tuesday	C
10	Start coding Vigenère cipher method.	A completed Vigenère cipher method that can easily be transferred to a GUI format. Method for Vigenère cipher was used from rosettacode.org , however, I modified some parts in order to suit the	Time start: 4:15 p.m. Time end: 5:00 p.m.	1/27/16 Wednesday.	C

		extensibility of my program by allowing user input instead of a static input.			
	Start coding ZigZag encryption method.	<p>A completed ZigZag encryption method that can easily be transferred to a GUI format.</p> <p>Used a ZigZag class provided, by <i>spfy</i> a reddit user. I tweaked it as well in order to suit my client's needs by allowing it to directly interact with user input instead of a just a separate method calling which was the original program's design.</p>	<p>Time start: 9:00 p.m.</p> <p>Time end: 10:29 p.m.</p>	<p>2/1/16</p> <p>Monday</p>	C
11	Start Implementing GUI using NetBeans Form creator	A finished GUI form with functioning buttons, a drop-down menu, a output box, input box, key box, and an instruction box as directed by my client.	<p>Time start: 5:00 p.m.</p> <p>Time end: 7:00 p.m.</p>	<p>2/7/16</p> <p>Sunday</p>	C
12	Interview client in order to see if he is satisfied with my progress	Met with client. He directed me to create a 'Clear' button that sets the key box and output box empty.	<p>Time start: 8:00 p.m.</p> <p>Time end: 8:15 p.m.</p>	<p>2/10/16</p> <p>Wednesday</p>	C
13	Import classes from BlueJ into NetBeans so the buttons and drop-down	Implemented classes and functions into NetBeans and finished the login screen with a hard-coded	<p>Time start: 5:00 p.m.</p> <p>Time end: 10:00 p.m.</p>	<p>2/11/16</p> <p>Thursday</p>	C

	menus will function.	password and username as directed by my client.			
14	Deliver finished product to client in order to test.	Showed my product to client and discussed with him how it was so far.	Time start: 6:00 p.m. Time end: 6:50 p.m.	2/14/16 Sunday	C
15	Finish Documentation of Criterion C	Documented the techniques used in the development of my program. Included source code, classes, and references.	Time start: 2/14/16 10:00 a.m. (worked on it throughout the week) Time end: 2/21/16 5:00 p.m.	2/21/16 Sunday	C
16	Finish Criterion D	Video showing the functionality and extensibility of my product and the meeting of the success criterias presented by my client.	Time start: 10:30 a.m. Time end: 11:00 a.m.	2/28/16 Sunday	D
17	Interview client to gather feedback	Finished Criterion E and appendix after interviewing client for future recommendations.	Time start: 8:00 p.m. Time end: 9:47 p.m.	3/2/16 Wednesday	E