Defect Number	Defect	Severity
	Login / Registration	
1	The password is shown when the user inputs it.	S2
2	The user can create an account using a blank user name.	S1
3	The program keeps opening new windows.	S3
4	When a window is closed, all the existing windows will be closed.	S1
5	When the user wish to log out from his or her account, the login page pops up but the main menu does not close.	S1
6	The user can create an account without any length limits.	S1
7	The user can set a blank password.	S1
8	The user can create a password without any length limits.	S1
9	The user can create an account using a username using special characters.	S1
10	The user can create a password with spaces.	S2
11	When the user logs into an existing account with an invalid password, another login menu is shown without displaying a message indicating the invalid password.	S2
12	When I try to log on, it tells me I need to create a new account. After pressing ok, a new window is opened, and the old window remains with the login information I registered.	S2
13	After logging in, all of the login windows remain open.	S2
14	If you click not to create a new username, but then click login again, it will ask you again, opening yet another registration window.	S2
	GUI / Menu	
15	If I do not select a category, and clicks on "add", the program quits unexpectedly.	S1
16	If I do not select a category, and click on "update", a new registation window will pop up.	S1
17	If I click on "log out", a new registation window will pop up.	S1
18	If I select "Bank" category and click on "update", the program quits unexpectedly.	S1
19	If I select "Bank" category and click on "add" or "remove", the program has no response.	S1
20	If I select "Website" category and click on "add", a new registration window will pop up as well as the add webstie menu.	S1
21	If I click create in the create website menu, it tells me that the name field is empty, even when it isn't.	S1
22	If I click the create button in the create website menu, it displays an error message saying the account already exists, then opens a new registration menu	S2
23	If I leave the name field empty in the create website menu, and click create, a new registration window opens, I get no error, but the create website menu does not close	S3
24	If I select website in the drop down, then try to add a menu, the items in the second dropdown menu does not match the information they contain.	S1
25	If I select "Website" category and click on "update", it pops up a wrong pop box which is belongs to the "Notes" category.	S1
26	If I select "Website" category remove one of the sub-category, all the entries are removed.	S1
27	If I select "Notes" category, two identical notes input windows will pop up.	S1
28	If I select "Notes" category, and enter information in the pop up input windows. Although I entered username field, the program still gives the warning -- "please enter username" and asks for username.	S1
29	If i select "Notes" category and click add, then leave any(but not all) of the fields blank, there is no error, but the menu doesn't disappear	S1
30	If I select "notes" and leave all fields blank, I get an error that the username already exists, then a new registration window is opened	S2
31	If I select "Notes" category and click on "update" or "log out", a new registration window will pop up.	S1
32	If I select "Notes" category and click on "remove", the program has no response.	S2

33	If I select "Notes" category and click on "add", enter information in notes title field and content field and click "Done", an error warning will pop up --"New note creation failed."	S1
34	If I select "SSN" category, two identical SSN input windows will pop up.	S1
35	If I select "SSN" category, and click on "add", the main window will disappear.	S1
36	If I select "SSN" category, and click on "update", a new input window for website will pop up.	S1
37	If I select "Website" category and click on "remove", the program has no response.	S2
38	After choosing "Website" from the upper drop down menu in the main menu, a message running "No website in the database! Please add new websites!" pops up. However, when the user presses "Ok" for the first time, nothing happens. When the user presses "Ok" for the second and third time, a login page pops up. The message only disappears after pressing "Ok" on the third time.	S2
39	When the user presses "Update" before choosing any category, a login page pops up.	S3
40	If I select "Notes" category, and enter information in the pop up input windows. After the program gives the faulty warning (asking for the username), another message running "That account already exists. Please try again." pops up. When the user presses "Ok", the login menu pops up again.	S2
41	After choosing "SSN" from the upper drop down menu in the main menu, a message running "No social security numbers in the database! Please add new social security numbers!" pops up. However, when the user presses "Ok" for the first time, nothing happens. When the user presses "Ok" for the second and third time, a Bank form pops up. The message only disappears after pressing "Ok" on the third time.	S2
42	(Refer to defect #24 and #27) For both "Website" and "SSN", after the message pops up, when the user presses "Ok" for the first time, nothing happens. (included here as this is a different defect due to its machine state)	S2
43	(Refer to defect #27) Although the user has entered a valid address into address field of the SSN form, the program displays a message asking for inputting an address into the field. After the user presses "Ok", the program terminates.	S1
44	(Refer to defect #27) Although the user has entered a routing number into routing number field of the SSN form, the program displays a message asking for inputting a routing number into the field.	S1
45	If I click login and leave everything blank, it will ask me to register and it will make duplicate log in menu pop up	S2
46	If I click the 'x' button to exit out of a menu all the menus will close	S2
47	If I click add on SSN in the category a menu will pop up, however the menu is for bank information	S1
48	When selected Notes, the category lists Banks	S1
49	When selected Notes, and select a Bank category later on it still displays "Notes".	S1
50	Bank does not have sub-categories.	S1
51	When you click webste and click web3 it takes to a rick-roll website	S2
52	When you click Website and then remove, it removes everything	S1
53	When you click on Notes, the buttons go off the screen	S2
54	If you click SSN and then click Update and click Done nothing happens	S1
55	Notes is having Bank's sub-categories. Howver, after click on the "Add" button and clicked "Done", the "Note" sub-category appeared.	S1
56	(Refer to defect #38) If I click the "Update" button to update the entry, the title and the content will swap.	S1
57	(Refer to defect #38) After I click the "Remove" button to remove an entry in the Notes, it removed the entry but the allocated row was not deleted accordingly, this results blank rows exist between the existing entries.	S2
58	(Refer to defect #38) When I clicked the entries one by one, the content on the main menu will not change accordingly.	S1
59	(Refer to defect #38) When I input "hello" in the content of the notes, a pop up message appeared stating that "Your title shouldn't include "hello" in it".	S1
60	When the user maximizes window for creating the website, the text fields are positioned at the left side, but the name of the program and the "Create" button are positioned at the right side.	S2
61	When updating, part of the scroll bar is cut off.	S2
62	When you click Remove when updating an item, it takes you to an add item menu.	S1
63	If I select "Website" category, click "Add" and input the necessary fields, in displayed a pop up message stated that "Please fill up the name field!". However, after that, the entry is saved twice.	S1

64	After the user adds a SSN entry, an irrelevant window asking for security questions is displayed.	S1
	Database	
65	After choosing "Website" from the upper drop down menu in the main menu, the text box shows a syntax error of the MySQL database.	S2
66	If I select the "Notes" category, the list of banks are displayed in the second category list	S1
67	If I select the Notes cagegory, the second category list contains banks, but the actual content are notes	S1
68	When I attempt to create a note with a blank name field, no error is given, but no new note is added	S1
69	When website is selected, a sql syntax error is shown in the display until I click ok in the menu telling me there are currently no entries	S2
70	When the website is selected, the warning menu states that there are currently no entries, even when there are	S2
71	If I leave the name field blank in the create website menu, and click create, no error is given, but no new entry is added	S1
72	The information stored for the websites do not match the websites they are assigned to	S1
73	The password isn't checked against the database	S1
74	When you update an item, it doesn't actually update	S1
	File System	
75	There is no password verification. In other words, the user can enter his or her account with an invalid password.	S1
76	Clicking on a name in SSN pulls up wrong information	S1
77	Updating a SSN, creates a new SSN with the name equivalent of the #	S1
78	Modifying one SSN, overwrites others	S1
	Access API	
79	When the user presses some buttons, they are not functioning. For instance, when the user updates an entry of notes, nothing happens when the "Done" button is pressed. (Refer to GUI / Menu Defect #28)	S1
80	The API does not perform creation, update, retrieval, and deletion operations of the user records correctly and robustly. In other words, the API does not work coherently with other components through driver and stubs. Some of the operations are not working too. For instance, when the user chooses SSN, an incorrect filling form pops up (the Bank form rather than the correct SSN form). (Refer to GUI / Menu Defect #27)	S1
81	The API does not verify user account information. In other words, the username is not matched to the correct password, and vice versa. (Refer Login / Registration Defect #11).	S1
82	There is no functionality to change the master password. The functionality is mentioned in the product backlog.	S1
83	Exceptions are triggered in many parts of the program. The exceptions are shown on the terminal when testing the program in Linux environment.	S1
84	The bank account management is not robust. For instance, when the user adds or remove a bank acocunt, there is no response. (Refer GUI / Menu Defect #5)	S1
	Non-Functional Requirements	
85	The program keeps opening new windows. (Refer Login / Registration Defect #3)	S2
86	Window size for the main menu is too small. Part of the main menu is hiddened.	S2
	Encrption	

| 87 | None (Reason: Although the information is successfully decrypted, they are not presented in the correct or desired manner. We think that most, if not all, related defects in this part have been covered in other parts. Furthermore, most of the encryption defects should only be able to be found via white-box testing methods.) | N/A |