1. In login interface, we didn’t connect to database which should have saved user account and password. Instead, we used a hardcode account: username=3WUser and password=5801.

It is because we have not taken database class, and we don’t know how to use sqlite database in java.

2. The output audit file will overwrite the previous file. This is because, we use data as the suffix to distinguish different file, but we detect that if we run the different test case on the same day, the suffix will be the same which indicate that the file will keep overwriting the last file who has the same name. We do not have enough time to change the code. If we do have enough time, we will use date plus time to be the suffix.

3. The output invalid file will overwrite the previous file. This is because, we use data as the suffix to distinguish different file, but we detect that if we run the different test case on the same day, the suffix will be the same which indicate that the file will keep overwriting the last file who has the same name. We do not have enough time to change the code. If we do have enough time, we will use date plus time to be the suffix.

4. The output file for both invalid and audit file will not appears in the corresponding folder, they will appear in the current working directory. We do not have time to fix this problem. I do not think this is a bug, but it is a problem need to fix. User will not find out the address for the output file easily. In case, the possible solution will be, create the default folder for audit output and invalid ballot folder. Then change the output result’s directory.

5. Our table is not perfected. I went to office hour to check my table with TA and get confirm from TA. But once I attend the final backlog meeting, I notice that our table is not good compared to the others’ tables. I was confused at that time but I still remove the PBI which is related to the display table. But today at DEC 14th when I attend the last office hour, I decide to add the table to bug list after talking to TA. We have all the important information but we do not have a clear format.

6. The time for invalid ballot collection file to be created is also a bug for our program. Our program will create the invalid ballot collection file when user click the export audit file button, audit file and invalid ballot collection file will appear at the same time in the same directory. But what the program should do, is when user click start to proceed the application, the invalid file should be created at that time. We do not have enough time to fix this bug, possible solution is change the java listener, link it to the start button.

7.The content for media file, audit file and on screen result do not meet requirement. Because audit file need to contain all the detail for election, which we already complete. But for the rest of file, the on screen and media file, there are the same content just like the audit file. The reason will be for the first assignment, we have already provide the table for audit file but this assignment require us to put the table to be shown on the screen, which make the screen showing and audit file has the same output. The reason for media file also has the same content will be, we think the media also need to know the actual detail for election so we use the same output as the audit file.

8. We miss a ValueComparator.java unit test. The reason is, we do not know how to do the unit test for random value. This function is designed to test when there is a tie situation, we need to random pick one candidate to win. We do not know and have enough time to do the unit testing for this function.