CODE REVIEWS

Group 3E – Doctors Program

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CONTENTS

Quality Assurance 2

Code Reviews: 2

Harry Hacker's code reviews: 2

William Grice's Code Review 3

QUALITY ASSURANCE

CODE REVIEWS:

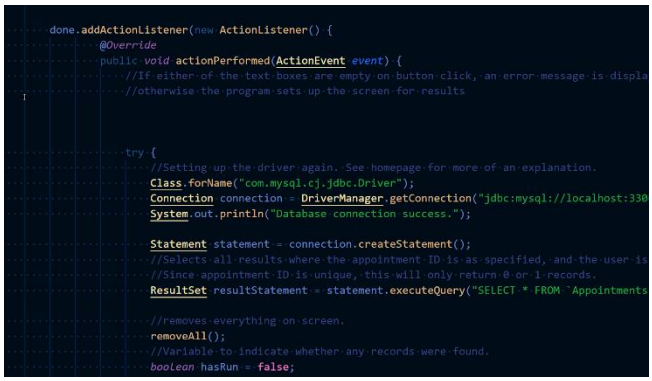
HARRY HACKER'S CODE REVIEWS:

NEW VISIT DETAILS:

Perhaps instead of statement7 or format2 being used a more specific variable names could be used. For example, statement7 could be NewStatementLog and format2 could instead be dateFormat. This may allow the program to be more easily read and adhere to better naming conventions.

Overall the code follows the appropriate naming convention and outline with the rest of the other classes and methods. One minor detail that could be added is closing the connection to the database once the program is finished with it. This would help to improve the security of the program.

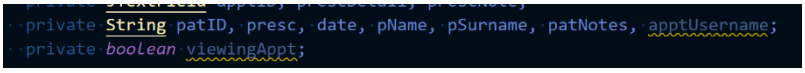
EDITING VISIT DETAILS:



The class for editing a doctor's appointment is well commented allowing anyone to view the code and easily follow what the program is supposed to be doing at a given point as well as provides a much easier platform for other team members to start and try to find any issues with the program.

That being said; one way to help improve the flow of the program and to improve the structure would be to break it up into blocks. For example, inside an action listener it may be useful to have the connection to the database as a method that can be repeatedly called at any given point in the program. This would help reduce the amount of repeated code inside the class and thus improve the overall structure.

Finally, a minor detail is to remove any variables that



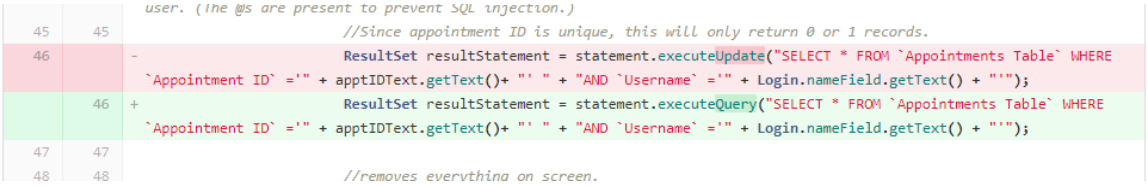
weren't required when the class is completed. Again, this is only a minor detail as java doesn't hold memory for a declared variable but if a different text editor was used that doesn't show these variables as unused then its possible someone may spend time searching through the program to see why these variables were created.

WILLIAM GRICE'S CODE REVIEW

OVERALL

In addition to the specific reviews assigned to me, I also briefly reviewed most of the classes, revealing a few minor things.

ViewAllBookings had been named viewAllBookings since its creation; Java classes generally start with an uppercase letter, so I changed this, which also involved changing Home to accommodate for the change in name.



While updating various classes to add logs, Jamie had, likely accidentally, changed a query in FindAppointment to an update. This was flagged as an error by the IDE, and I reverted it as shown above.

LOGIN PANEL

I'd previously done a test class for the Login, so it was already in a good state, but I reviewed it once again. There were no errors, and the code was already streamlined and optimised, but I was able to make a few grammatical changes to some of the text of the labels.

VIEW PATIENTS

While no test class has yet been made for ViewPatients, it was also in an acceptable state, and the code was also working. There weren't any grammatical changes able to be made.