

Throughout the development of this project, I was assisted by Github, a Version Control application that stores multiple copies of the project you are working on, every time you update the program all the new work is saved. It was essential when creating this project as whilst working on some new code my laptop's battery died and IntelliJ did not automatically save the work, if I had not previously 'committed' my updated code to Github, then a whole day's worth of work would have been lost.

Furthermore, one way of the main ways I could improve this project with more time is by working with other developers to help innovate the program by adding new features and increasing usability. Version control and Github allow collaborators to merge their different versions of code together with ease to create one final project. Overall this demonstrates how Version Control has assisted me throughout the creation of this program but also how it could be used if I had additional time.

If there was access to more funding then storing the Estate Agents data on a database management system would increase the efficiency and accuracy of our program. The program we have built needs to retrieve information such as the highest value sale and the average sale recorded within a given year. However with a poor data storing system data can easily become lost, misinterpreted or inaccurate, this would therefore negatively impact the results of any query run by the program. With a data storing system that ensured consistent and standardised data the accuracy of data retrievals would be vastly improved.

One of the most successful parts of my program was the interface I built which increases usability for users and allows users to retrieve information such as the highest value sale and much more. The interface is an extremely useful feature as not only does it organise the program on the user's end so they can navigate the program but it also ensures that all the code is organised as the right functions need to be mapped to the specific parts of the interface for the interface to work correctly. This is good coding practice and if other developers were to work on the project and need to improve or debug specific functions, then having organised code makes it easier to enhance. For those reasons I believe this was the most successful part of my program as it served multiple purposes.

Another improvement that could be made with unlimited time and resources would be the creation of a mobile application of the program as it would increase usability for every employee of the company. As many realtors spend their time travelling to different places to purchase new houses and try sell the houses they have, they might only have access to their mobile the majority of the time so having direct access to company records and house price estimations would be extremely valuable and would elevate efficiency.