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| **Daria Rose Vekic** | | **Marks 40/40** |
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|  | **General Comments** | |
|  | **Code and Unfamiliar**  Student has chosen to use Data Structures in a Case Management system with hashing techniques. There is extensive unfamiliar constructs and student has used them effectively – other techniques used include the use of regular expressions, Swing Builder, Linux Kali operating system with the use of password cracking tools. Dependencies were supplied. Error Handling has been appropriately addressed and done consistently. Validation has also been implemented on data. The work you have done in the back end functionality is an exceptional standard for the level expected.  **UI**  The UI looks as expected and student has made sure that all the components talked about during client interaction were addressed. You have done a very good job with the interface and included a lot of functionality.  Well Done! This is an exceptional submission, you should be very proud of the level of work that you have produced. | |
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|  | **Coding: Problem Domain** | **5/5** |
|  | Elements are complete in the iteration. | |
|  | Inheritance and or other techniques were included and appropriate | |
|  | Scope used correctly | |
|  | Getters and setters used correctly | |
|  | Implementation includes a range of techniques | |
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|  | **Coding: UI Domain** | **5/5** |
|  | Solution matches the design. | |
|  | Buttons and input fields used are working as they should be for the iteration planned. | |
|  | User feedback provided for any validation or errors and extensive use of regular expressions. | |
|  | Event handlers implemented correctly. | |
|  | Links to previous documentation in the business model. | |
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|  | **Use of unfamiliar libraries** | **5/5** |
|  | Extensive use of Unfamiliar Libraries was used. See note in general comments. Comments are also in the document. | |
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|  | **Error Handling** | **5/5** |
|  | You have included error handling where appropriate. You have included appropriate validation for the user and a consistent approach exception handling throughout. See Comments in the development report. | |
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|  | **Internal Documentation** | **5/5** |
|  | You have consistent comments in your code and have provided Javadoc documentation has been provided. You have made sure all comments are easy to understand and used only where appropriate. | |
|  | Indentation is consistent | |
|  | Consistent naming conventions used, you have also detailed this is your report | |
|  | References in the codebase have been supplied | |
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|  | **Test Plan** | **5/5** |
|  | You have provided a test plan | |
|  | Main testing strategies are outlined in your main document. | |
|  | You have provided expected results. | |
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|  | **Test Runs** | **5/5** |
|  | Detailed conclusions have been drawn from tests. | |
|  | You have evidence of failed tests being corrected or how they may be corrected in the future. | |
|  | You have provided a test run document. | |
|  | You have provided code snippets of the results | |
|  | Both documents compliment each other. | |
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|  | **User Documentation** | **5/5** |
|  | User documentation and videos have been included along with a user guide. | |
|  | Direction to online sources have been given and a walkthrough of how setup would be performed. | |
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