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Professor Grinberg

CMSC 203

03/26/2020

Final design:

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| <<Java Class>>  Class: PropertyMgmDriverNoGui |
| PropertyMgmDriverNoGui()  main(String[]): void |

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| --- |
| <<Java Class>>  ManagementCompany |
| Name: String  Tax id: String  managementFee: double MAX\_PROPERTY: int  countProperties: int |
| ManagementCompany: (String, String, double)  addProperty(Property): int  totalRent(): double  maxPropertyRentIndex(): double  displayPropertyAtIndex(int): String  toString(): String |

|  |
| --- |
| <<Java Class>>  Property |
| Name: String  City: String  Owner: String  rentAmount: double |
| Property(String, String, double, String)  Property(Property)  getName(): String  setName(String): void getCity(): String  setCity(String): void  getOwner(): String  setOwner(String): void  getRentAmount(): double  setRentAmount(double): void  toString(): String |

Learning Experience:

This assignment really tested my knowledge of being able to breakdown different aspects of the program and solving them individually. There were a lot of files to be maintained/edited and most of the concepts that we learnt during this week were tested. I had difficulty

getting all the files to work together. Oftentimes, some variable would be missing from a file, and when I change a certain code on one file, I’d have to change it on all the files. I watched youtube tutorial videos for anything I was not able to solve, and also read the chapters in the book for examples.

I wasn’t able to add the pictures onto my gui program for the properties. This was my first time being required to add pictures and I couldn’t figure out how. I also struggled with the JUnit testing because it failed like a million times before getting it right. I was successful in coding all the various methods involved in the property and management company class.

I really need to improve my ways of studying and get a good grasp of all the various concepts in javafx, and Junit testing. I hope there will be a study guide for Exam ll so we can be prepared on what to expect!

Overall, I think I did great given the circumstances right now. I know the course will only get tougher from hereon, but when the going gets tough, the tough keep going!