**Assignment 5 & 6 Analysis & Design**

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Class Diagram

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| **Tax** |
| * fullName: char * employeeID: int * grosssalaryamt: double * federaltaxesdeducted: double * statetaxesdeducted: double * netpay: double |
| + Returnsfederaltaxamt();  + Returnsstatsetaxamt();  + Returnsnetpayamount(); |
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| **TaxApp** |
| * tax: tax * monthlysalary: double * monthlyfederaltaxespaid: double * monthlystatetaxespaid: double * netmonthlypay: double * wouldyouliketorunanotheremployee?: char |
| + Returnspaycheckamount(); |

Flow Chart

