Figure 3: Method Specification Form

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| **Method Name**: calculateData | | | **Class Name**: PayCalculatorGUI | |
| **Description:**  Function validates all the input fields and returns the gross pay results into a string. | | | | |
| **Triggers/Events**:  Jbutton “Calculate” / Menu Item “Calculate” | | | | |
| **Return Type:** void | | | | |
| **Input Parameters** | **Data Type** | **Valid Value Range** | | **Description** |
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| **Output Parameters** | **Data Type** | **Valid Value Range** | | **Description** |
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| **Pseudocode:**  if(txtFirstName is not NULL) employee.setFirstName and keep going  if(txtLastName is not NULL) employee.setLastName and keep going  if(txtHoursWorked is valid) employee.setHoursWorked and keep going  if(txtPayRate is valid) employee.setPayRate and keep going  textareaEmployeeData.setText.setText(employee.toString()); | | | | |