Team Kodo

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Software Engineering

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Introductory Project 1

Provide a two-page summary of your team’s design, implementation, and testing approach and test results. • At the end of the summary, include a couple of sentences about what worked for your team, and what you would improve upon if you were to do another assignment together or redo the assignment. <- **Delete After**

In our first introductory project our team has designed and implemented a program that creates a virtualization of a standard check. This includes a dialog box that receives input such as a name, numeric dollar amount, a memo, and a tally to be kept for the amount of checks issued. The structure of this project consists of four separate classes that have been individually assigned to specific members of team Kodo. Our classes were written as following. Benjamin Dean for the input GUI, Oscar Chavez for the output GUI, Alec Merle for the tally, and Swade Howard for the processor class.

**Input GUI**

(Bens paragraph)

**Output GUI**

(Oscars paragraph)

**Tally**

For our Tally class we simply have one integer variable called ‘startTally’ which begins at 1000 as described in the project description, and one function called ‘IncrementTally()’ which will take the integer ‘startTally’ and increment it by one every time that a check or form is created and returns tally as a string. This is then called within Ben’s class ‘Form1’s ‘submittedClicked()’ function to where the foundation of the output window is created. With the output information ‘payTo’, ‘tally’, ‘amountInNumberString’, ‘amountToText’, ‘memoInputcreate’ we create a ‘Form2’ to create our output dialog box.

**Processor**

(Swades paragraph)

**What worked for us.**

For this project our team displayed great cooperation, teamwork, and communication. Each member helped one another grasp a better understanding with GIT and C#. Our team effectively communicated while using groupMe, and we divided work among each other based on classes. Overall our team successfully organized a program that took user generated input and produced a finished check.