Lolapalooza Group

ATM simulation progress report

Our ATM simulation project is half complete with our design structure and program requirements for the user, phases are done. The design structure of our program is focused on the interaction of the user and the program that is, program is writing in a language with clear and easy understanding, because of its input base system, which will perform processing and give the user it’s output. The results it will need just like a real ATM which accepts the input of the bank customer as commands and process and output the user needs which might be a withdrawal or deposit. Another part of the design structure is a condition where individuals banking with our program, are not allowed to have funds less than hundred dollars in their accounts, unlimited amount in deposit and a limit of two hundred and fifty in withdrawal. Also part of the design process is a security feature which ensure the safety of users in terms of losing funds in their banking account. The program requirements for user is basic knowledge in reading and writing. Thus any individual who poses the skills of reading and writing can operate this program. The task have being broken into pieces with every member in the group assigned his or her part. Thus the final program will consist of bits and pieces from everyone put together and ready to work.

Our project faces some challenges. There are minor problems that is getting our pin and name, which are unique identifiers that let the program knows that a different user is not trying to enter into an account of another to work, to ensure the safety of all users. The problem is a syntax error we are working on fixing, which you have answered most of our questions about it. This is another problem that can also be linked with the security feature, which is the account variable and the contents it holds, that was caused by defining variables for checking and savings account. We created new variables of ‘accountC’ and ‘accountS’, which give us this problem; a syntax error of ‘print(“Verify the following information: \n Your name is:” + str(Name) + “ \n Your pin is:” + str(Pin) +” \n Your account has : $” + str(Account))” NameError: name “Account” is not defined’. Which we ended up figuring out ‘account’ variable should be discarded and ‘accountC’ and ‘accountS’ should be put in place instead. Thus to avoid having account as a global variable. Overall our progress on this project is moving forward as planned because of the division of task and our understanding of helping each other out to arrive at our objective.