**Notes**

* Users need to be able to login to the application
  + Let the user type their login information into the application – username and password.
  + If the application can’t find the username stored in an array, then it will automatically create a user account for the user with the supplied username and password.
  + Tell the user that the user account has been created successfully.
  + Give the user 3 attempts to enter their password correctly otherwise the application will close.
* Once logged in the user will be directed to a menu where they are given the ability to choose from multiple options, depending on what they wish to do.
* These options should include being able to:
  + Check the balance of their accounts
  + Make a withdrawal from their accounts
  + Deposit money into their accounts
  + Transfer money between their accounts
  + Create a new account – if they don’t own any accounts yet, or want to open a new one
  + Exit the application when they are finished
* When the user wants to create a new account they need to be given the choice between:
  + Small business
  + Community
  + Client
* These accounts need to have an overdraft limit applied to them. This overdraft limit varies depending on the type of account.
  + Small business accounts have an overdraft of £1000
  + Community accounts have an overdraft of £2500
  + Client accounts have an overdraft of £1500
* It is unclear what type of restrictions the client wants placed on accounts that require signatories. It is also unclear if there should be any restrictions placed on who can be a signatory. Finally, it also doesn’t state which accounts require restrictions and signatories – is it just one account or is it all accounts. This would require asking the client for more information to implement it properly.
* Will need a total of 5 classes for this application to work properly:
  + Main
  + Login
  + User
  + Account
  + Menu