Moneysoft Technical Test

# Question 5

Part 2: A user has requested an enhancement to Moneysoft to allow their net worth to be displayed for a previous date. Given the Moneysoft platform is currently only storing the users current balance for each financial account, what changes to the Moneysoft platform would you make to allow previous net worth to be calculated.

To solve this problem, a solution would be to record incoming financial transactions in addition to outgoing transactions. When the user wants to see their account balance of a particular date, they would get that result by having their current balance with all the transactions reversed up until the particular date they have asked for.

# Question 6

You are building a new asp.net MVC application which has 3 different user roles (Admin, Supervisor & Employee). Admin users have access to the admin portal where they can "switch" into either a supervisor or employees account. Supervisor users have access to the supervisor portal where they can "switch" into an employee’s account. Employees cannot "switch" into any other accounts.

Describe how you would implement this "switching" between user accounts.

The Role class would have an additional property, RoleView, which is what would be checked when displaying the application to the user.

Only users with the appropriate real role will be able to change their RoleView value.