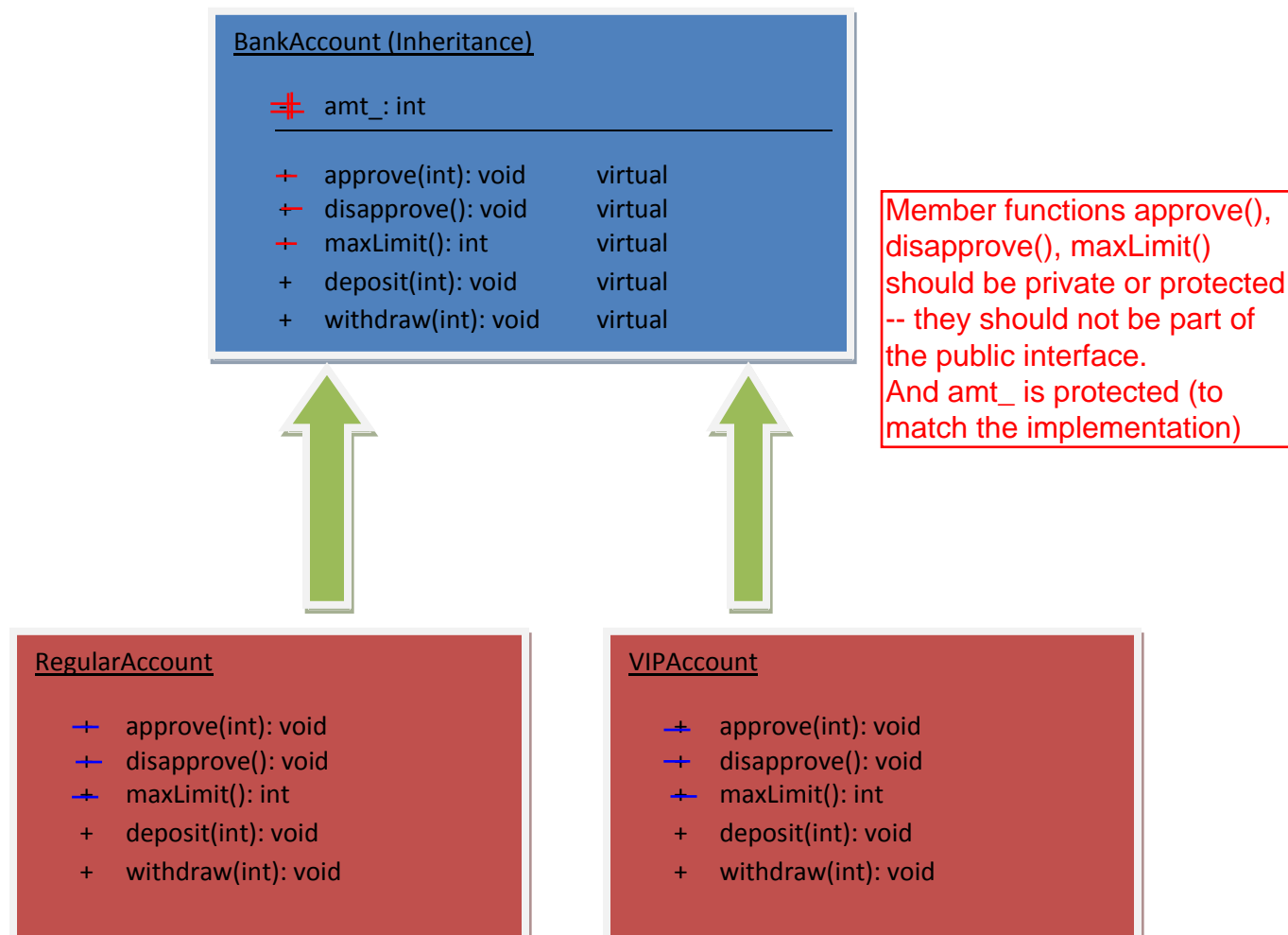
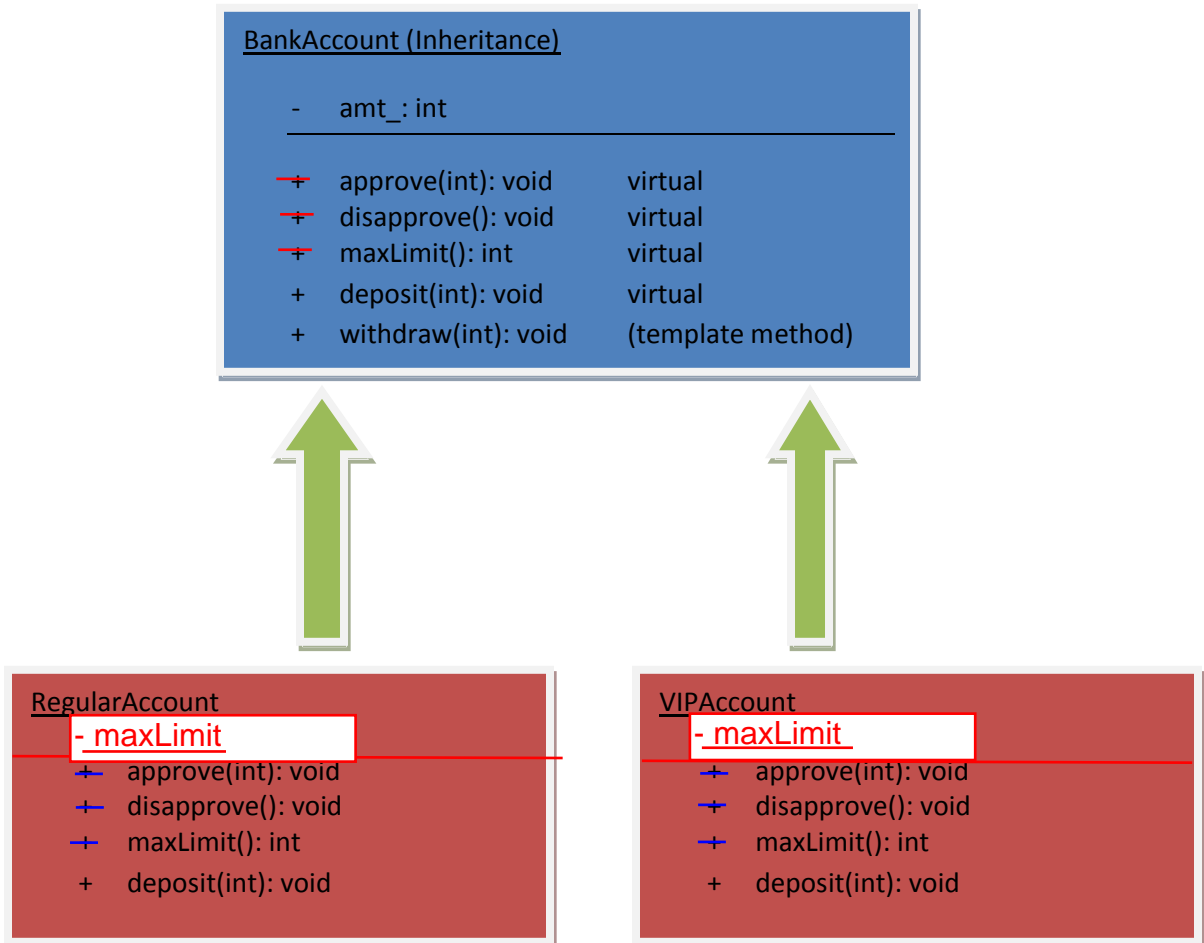


## Part 2:

- a) We have built a c++ application that simulates bank transaction. User is given a choice of creating either a regular account or a VIP account; both accounts can have any amount of deposit but regular account has a 1000 withdraw limit while VIP account has 2000 withdraw limit. We have applied the template pattern to this problem and below is a partial UML diagram before applying any design pattern.



b)



Note that maxLimit is underlined, to indicate it is a static data member