A Cat, a Parrot and a Bag of Seed

There is a man on a riverbank with a cat, a parrot and a bag of seed. The man wants to transport each item over to the bank a crossed the river. The man needs to bring each item over one at a time, seeing his boat can only hold one item at a time. The problem he is facing is he cannot leave certain items paired together. (E.g. the cat eats the parrot, the parrot eats the seed) We need to see how the man can attempt to do this while not leaving faulty pairings together. If we look at the question a little harder, it does not state that the man cannot bring an item back to the original bank. This will be useful in finding a solution.

The goals the man wants to achieve are, getting every item over to the opposite bank and to not leave a pairing that can be bad together. Possible solutions for this is to bring one item over to the bank, came back and retrieve a second item. Then he would transport that item over to the bank with the first item. That would leave the man with one item left to transport, but he risks the case of leaving a bad pairing. In order to avoid this he could bring the original item back to the original bank, and them transport the third item over to the other bank. The man would then be left to go and retrieve the original item and finally bring it to the opposite bank.