

Phantom_opera Method

1) Inspector

For the inspector, I tried to make him chose the “red” character, in priority, because of his ability. In any other cases, I chose to take any suspect character to try to isolate/mix him to eliminate suspects.

For selecting a position, I try to isolate or mix him with other characters, depending on where the other suspects are: if more than half of the suspects are alone, I try to mix him, else I try to isolate him. That way I should always be able to eliminate some suspects.

2) Fantom

For the fantom, I tried to make him chose the “red” character, in priority, because of his ability. If the fantom is alone, I try to choose someone that is not alone and then try to move him where he could be alone (to keep some suspects). If he is not, I try to choose someone alone to move him where he will not be (always to keep some suspects).

3) Conclusion

I choose to hard code my AI which is probably not the best solution but still get some good result against random agent in my tests.