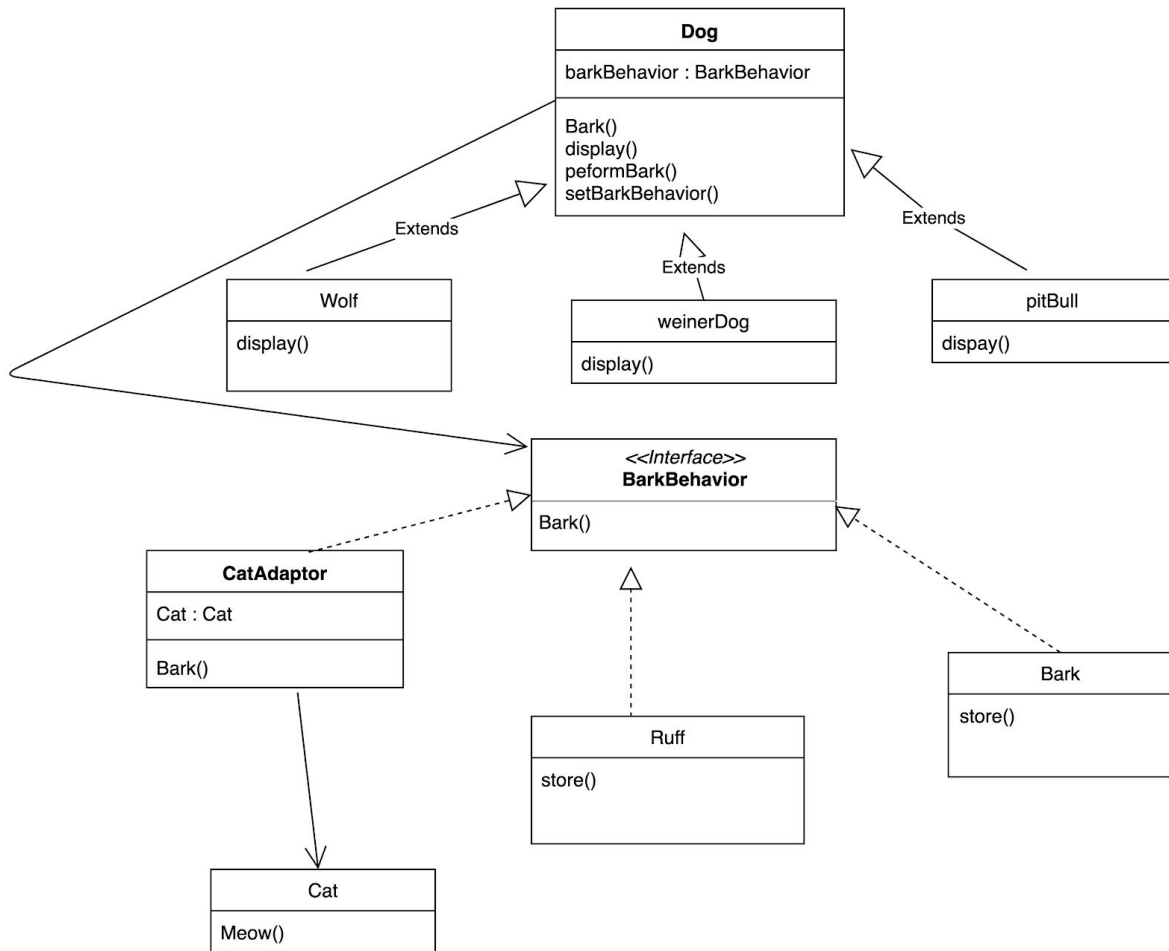


Jordan Kelly
Dylan Rosenbaum

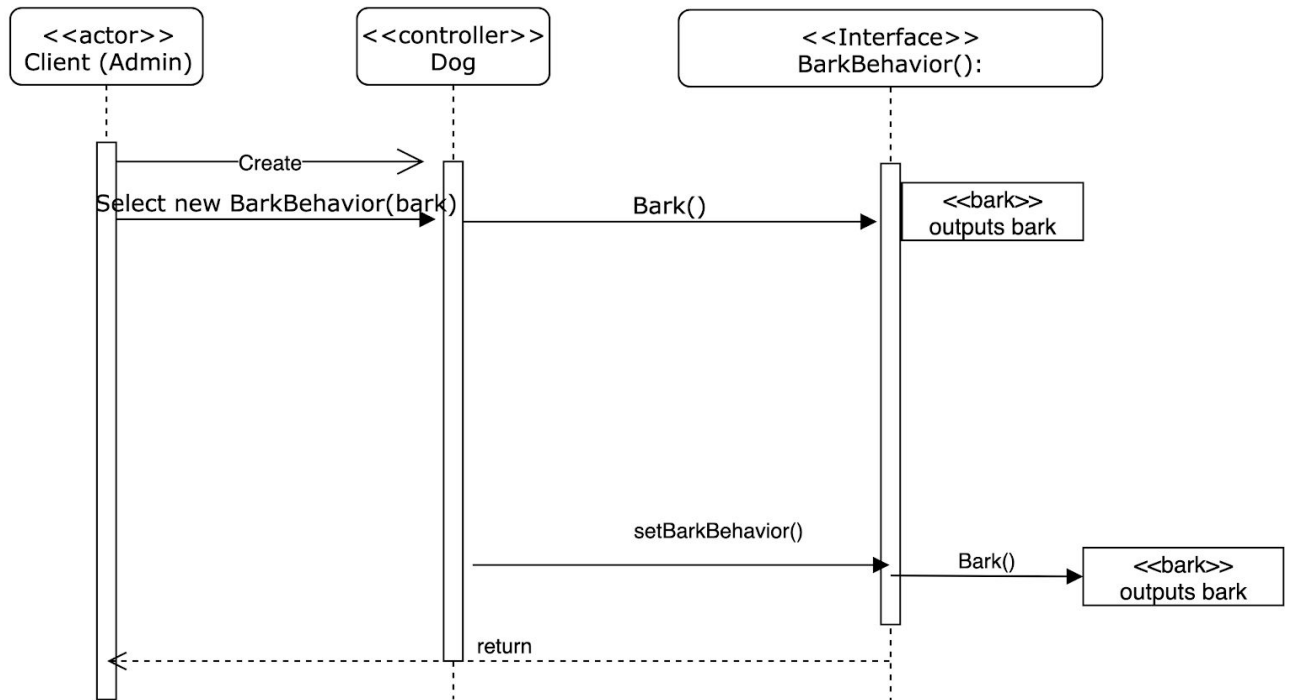
PART 1

a)

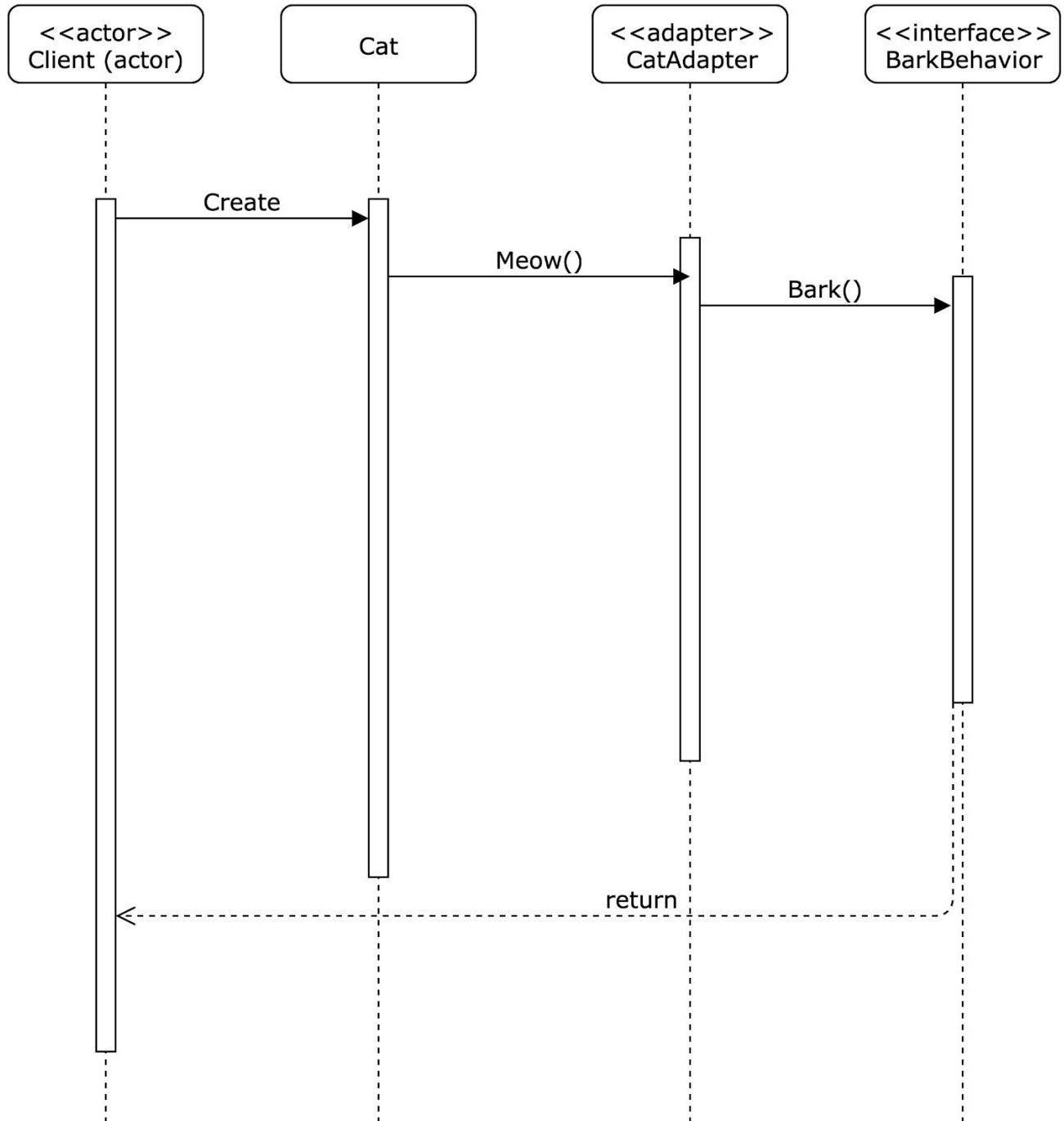


b)

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Dylan Rosenbaum



Text



PART 2

- a) Focus factor = $32(\text{actual velocity})/45 (\text{mandays}) = .71$
If we add 2 engineers and one of them can only work 80% of the 5 day week then our new number of mandays is 72.

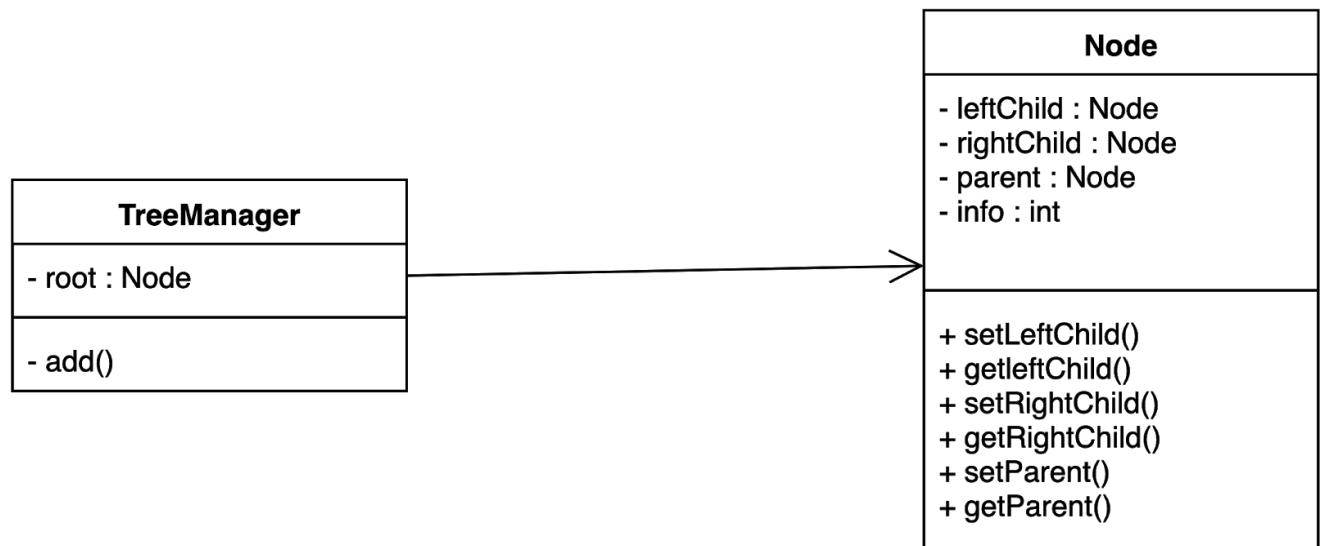
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Dylan Rosenbaum

Estimated velocity for the next sprint= $72 * .7 = 50.4$

- b) Focus factor for a brand new team would be 80%
- c) We could give everyone one suit from a pack of cards. Someone would get all of the diamonds while another could get all of the spades. Each card represents numbers from 1(represented by an ace card) to 13(represented by the king card). For each objective everyone would play a card based on how long they think it would take.

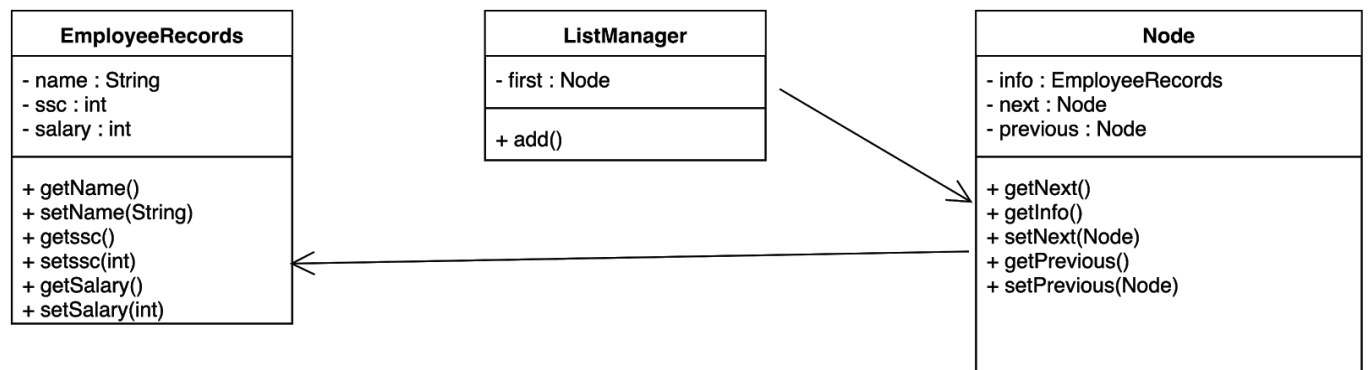
This would be worse than poker since it is not based around the Fibonacci sequence.

d)



e) Code provided in file

f)



g) Code provided in file