If I were to make this, I would use a Circular List with only a tail pointer. I would do this because this allows us to achieve O(1) for both append and prepend as well as decreasing the space needed as we are getting rid of the head pointer. Append is O(1) because the tail pointer points straight to where we want to place the new list node so there is no need to search through the array. Prepend is O(1) because the circular list allows us to access tail+1 to get to the head which also eliminates the need to search through the list. The space required to store this implementation would be the same as a regular linked list and as far as I can think about it, that is the smallest.