1. The at() member function will need a strong guarantee. If the index is invalid, we need to throw an exception, therefore the nothrow guarantee is not appropriate. In addition, it does not modify the content of the object so a strong guarantee is appropriate.

2. The add() member function need a basic guarantee. There are multiple points in this function that could throw an exception; we can guarantee those exceptions get handled the object is stable and no memory leak, but the object may have been modified, so a strong guarantee is not possible.