

Grade Getter Design Specification

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Product Vision

FOR students seeking a simple and easy-to-use program to calculate their grades,

WHO are tired of the overly complex and confusing nature of existing grade calculators,

THE Grade Getter is the grade calculator of the future,

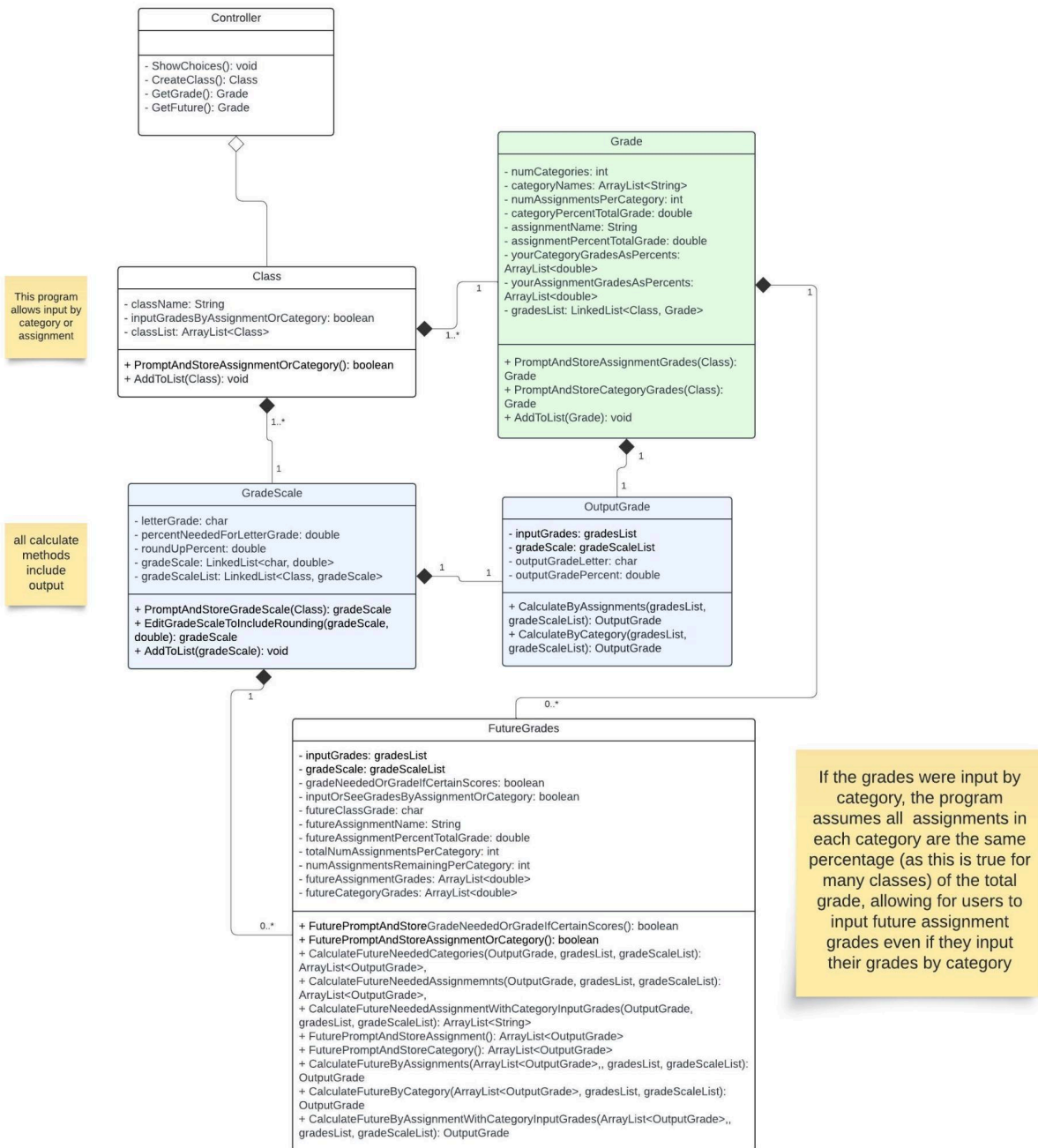
THAT delivers a streamlined user interface that allows for a simplified user experience while still encapsulating all the features a user could possibly need,

UNLIKE traditional grade calculators with complicated user interfaces that often aren't intuitive or compatible with the user's specific needs,

OUR PRODUCT shines with features that seamlessly integrate with popular learning management systems like D2L and Canvas and state-of-the-art data security features,

AS MEASURED BY overwhelmingly positive user reviews from college students across the country, superior data security, and metrics that display lightning-fast data input time to grade output time.

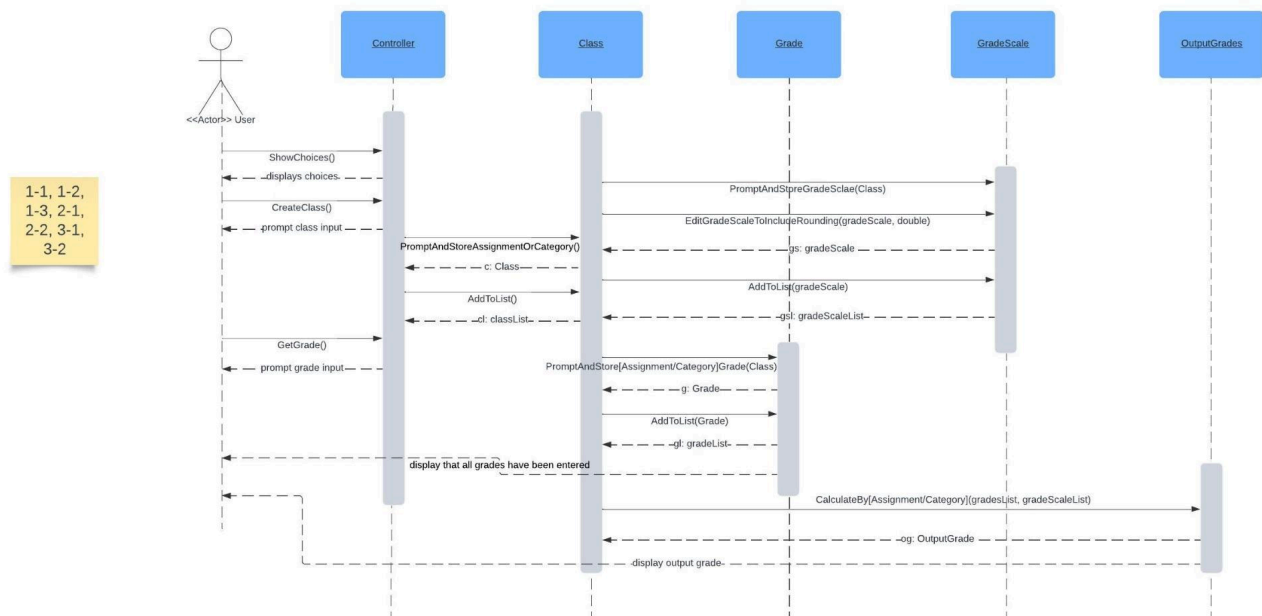
Class Diagram



Sequence Diagrams

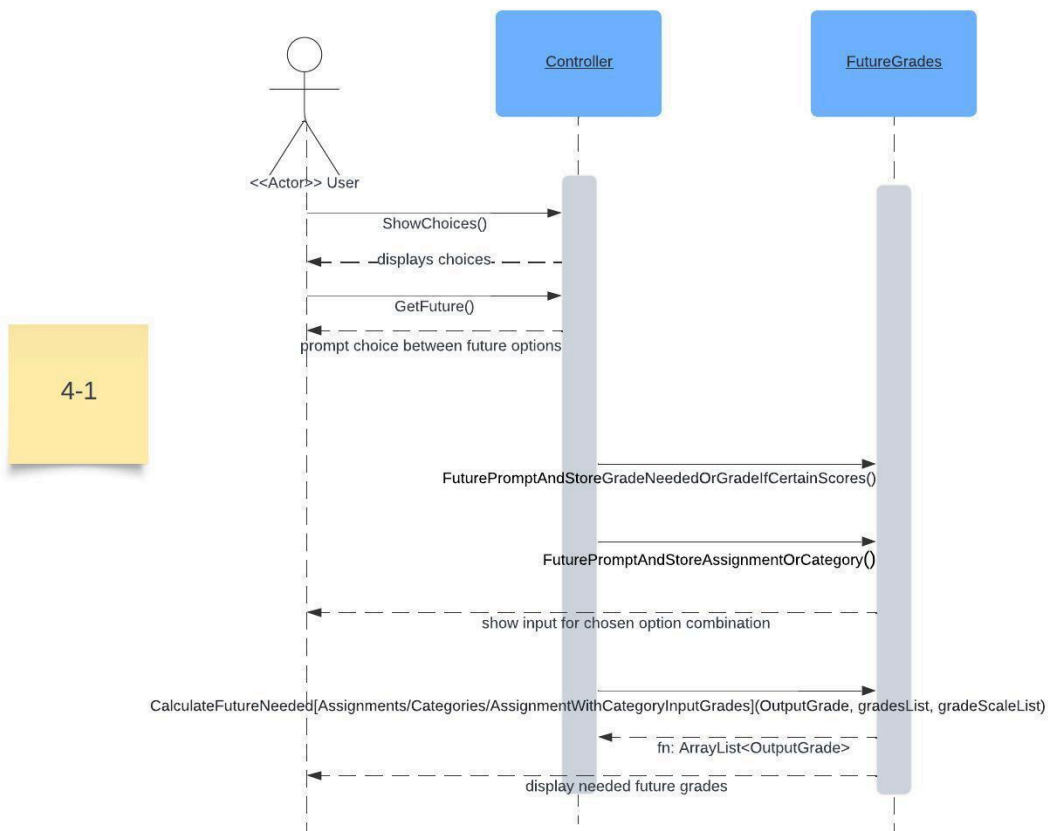
Note: I feel that my use cases aren't conducive to 1-1 use case to sequence diagram correlation. Many of them are very similar or are simply parts of other use cases, so I decided to create 3 sequence diagrams rather than 9. I created separate sequence diagrams for use cases 4-1 and 4-2 while the rest of the use cases are included in a single sequence diagram.

Use Cases 1-1, 1-2, 1-3, 2-1, 2-2, 3-1, 3-2:
Grade and grade scale input, grade output, and
calculating and saving multiple grades



Use Case 4-1:

Output category or assignment grades needed to get
a user-specified final class grade



Use Case 4-2:

Output final class grade user will receive if they get user-specified grades on future assignments or categories

