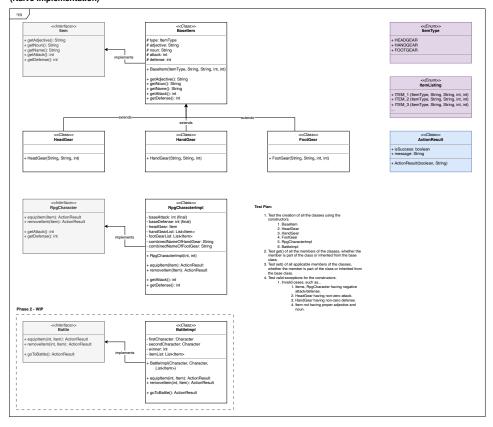
Version 1 (Naive Implementation)

Notes: Please look at Version 2 for the latest iteration. The initial iteration is shown to showcase the trail of thought.



Version 2 (Implementation with Design Patterns)

Notes: Design Patterns adopted: Singleton, Builder, Factory, Composite, Decorator (in principle while doing Composite),

