Requirements:

* **Functional**
  + Do basic 5th grade algebra in the environment of an interactive game.
    - User should be able to have Unlimited number of attempts
    - User should be given a hint after a set amount of wrong answers
    - User should be able to have a Reward system/Redeemable points
    - User should be able to play with no ads
  + User should be able to play for a duration of a year
    - All time frames should be configurable!!
  + User should be able to have access to give donations freely
    - User should be able to make payments after the first year of free play
      * Play without price for a set on a set date for maybe 18 months (Must be configurable)
    - User should be able to have some options on how they may pay when the free trial is over.
  + User should be able to: have easy access to the game as a student, as well as more complex access as a parent in regards to consent, billing information when a year of free trialing expires, and status on student progress.
    - Parent consent could be sent to email, and verified through there.
    - Teachers may also see progress; must be connected to something overall that allows the student to choose their school and teacher
  + User should be able to have a view of an overall Leaderboard
    - Points based off of problem completion
    - Level of difficulty resulting in great amount of points/rewards
    - Tracking of categories that were done well (possibly)
* Non-Functional
  + Design:
    - Platform should be accessible for iOS and PC (compatible for major browser)
    - Website may be a template originally that may integrate the game
    - Possibly able to open on a mobile browser. ()
    - The website should be able to be connected to a server that holds information in regards to log in information and game progress!
  + Security
    - Must be able to properly perform payment processing information without saving the payment information
    - Must be able to back up the progress so if the website crashes progress is not lost.
  + Payment Processor
    - Website page should have the option for Donation and Payment
      * Donation: Takes information in regards to Credit Card/Debit Card/Paypal, Collects money, Sends confirmation/thank you email to the persons email!
      * Payment: The payment should be able to Takes information in regards to Credit Card/Debit Card/Paypal, Collects money and adjust the time of use for the child’s account Sends confirmation/thank you email to the persons email!