# InvestiFull Coding Standards

The following standards should be followed in order to provide clear and concise, self-documenting code in such a way that it is easily understood.

## Formatting Standards

1. The code will be written using proper spacing and tabs in order to provide code that is easier to read.
2. Proper comments will be used to detail the functionality and necessary prerequisites involved in calling functions/methods.

## Variable Standards

1. Variable names will be meaningful in regard to their use.
2. Variables will be scoped as needed based on the situations they are being used.
3. Developer will refrain from hard coded logic.

## Function/Method Standards

1. Functions will strive to be less than 30 lines.
2. Helper methods must be implemented to reduce redundant code.

## Class Standards

1. Classes will be abstract, disallowing anything outside the class from altering data that is not available.
2. Classes will be modular and not contain any unnecessary code that would better befit another class.
3. The written code will not deviate from the specifications designated in the design document unless deemed necessary by the developers.

## Review Standards

1. Code will be reviewed by peers involved with the development of InvestiFull in order to better search for any errors or bugs.
2. The code will be traced and tested for all significant paths of execution.