

# Sprint 1 Requirements/Planning

## ID 1: Core Functionality

- Description: User can input class name, assignment names, points earned, and total points possible.
- Type: Feature
- Priority: 1 (Highest)
- Story Points: 5

## ID 2: Weighted Grades

- Description: User can assign a percentage weight to categories (e.g., 'Homework' 40%, 'Exams' 60%).
- Type: Feature
- Priority: 2
- Story Points: 8

## ID 3: Basic Calculation

- Description: Display the current letter grade and percentage for the class based on entered data.
- Type: Feature
- Priority: 3
- Story Points: 5

## ID 7: Input Validation

- Description: Implement robust input checks to prevent non-numeric values for grades/weights.
- Type: Quality/Non-Functional
- Priority: 7
- Story Points: 3

## ID 8: Error Handling

- Description: Gracefully handle errors like division by zero (e.g., no assignments entered) or weight total not equaling 100%.
- Type: Quality/Non-Functional
- Priority: 8
- Story Points: 3