

**Group number on Canvas:** 4

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**Title:** CoffeeCup

**Description:** CoffeeCup is an app that allows users to dial in the perfect cup of coffee. Each time you brew a cup of coffee, you can log information about how you brewed your coffee (e.g. grind size, water temp, type of bean, etc.). Then after you drink your cup of coffee, you can rate how your coffee tastes (over/under extracted, strong/weak, or perfect). CoffeeCup will evaluate how your coffee turned out and give you tips on how to perfect your coffee making on your next brew (e.g. extract more, use less water etc.). Users can look back on how they brew their coffee and how it tasted so that next time they can make their brew just right.

**Required functionality (100 pts.):**

1. User can create a new brew and input attributes (brew time, roast, grind size, etc.) (20 pts)
2. User can edit brew attributes of previous entries(brew time, roast, grind size etc.) (20 pts)
3. User can view brews in a list view (10 pts)
4. User can click on a brew and view its logged details (10 pts)
5. User can delete a brew (10 pts)
6. User can set brew as default/favorite (10 pts)
7. App can evaluate log entries and recommend brew changes (10 pts)
8. User can add notes about brew (10 pts)
9. **Bonus functionality (5 pts.):** App will alert user when roast becomes stale