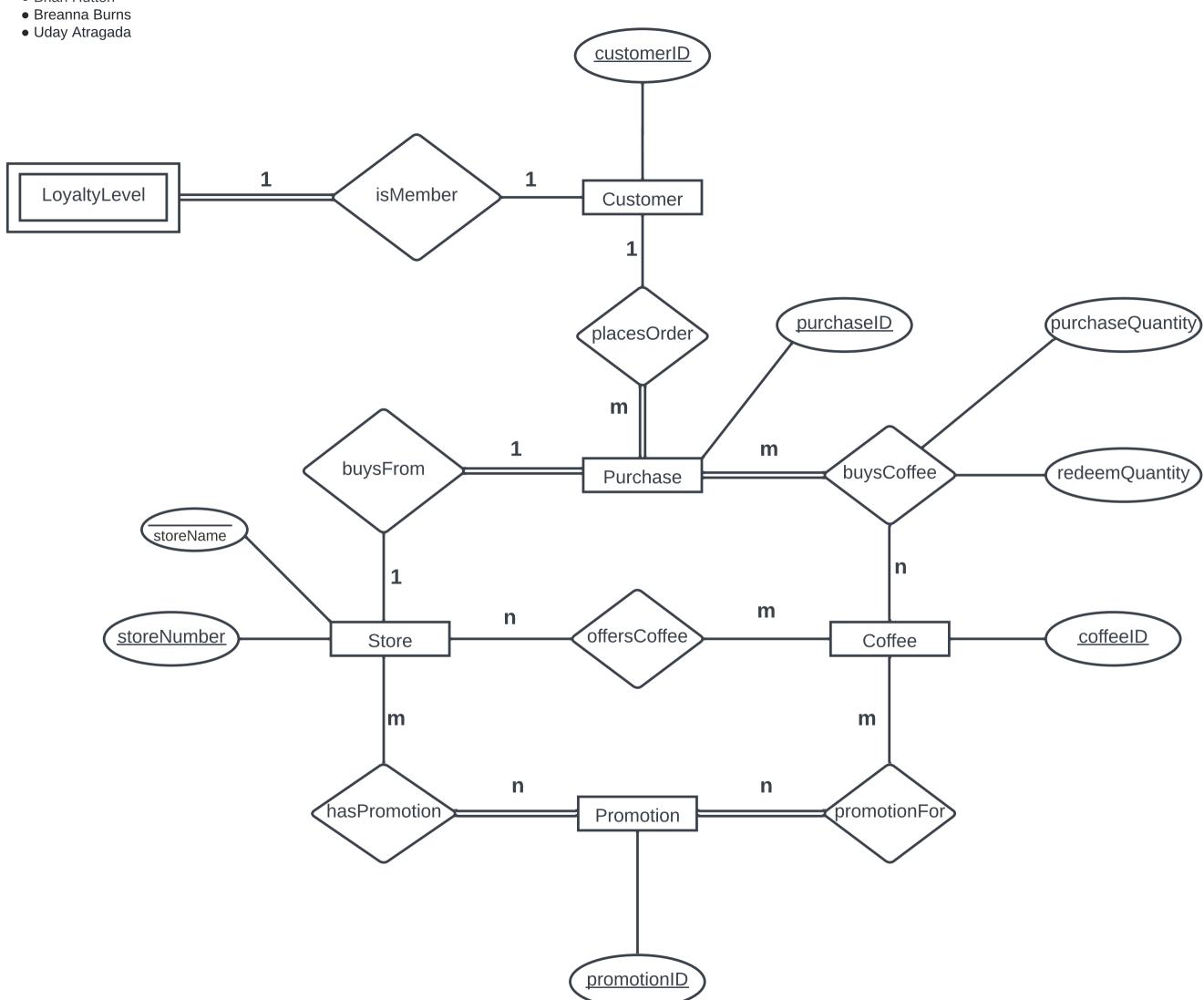
**Boutique Coffee Project** 

Phase 1

• Brian Hutton



<sup>\*\*\*</sup>To improve readability, only key attributes are specified here, the other attributes are included in the diagram on the next page\*\*\*

## purchaseTime CS1555 **Boutique Coffee Project** redeemPortion PurchaseID Phase 1 Purchase Brian Hutton • Breanna Burns Uday Atragada purchasePortion (levelName customerID (first) LoyaltyLevel **startDate birthDay** endDate (last **customerName** Customer birthDate (promotionPeriod) boostFactor middle (birthMonth) phone Promotion totalPointsEarned (phoneType) (promotionName) phoneNumber <u>promotionNumber</u> (storeName coffeeName (description) (store Type) countryofOrigin Store coffeeID Coffee storeNumbe (price) (gps (intensity) (latitude) (rewardPoints) (longitude) redeemPoints

## **Assumptions:**

- A purchase can only come from one store.
- A customer can only place one order at a time but all orders are recorded.
- Multiple coffees can be promoted during a promotion.
- One type of coffee can be in multiple stores.
- Multiple stores can have many different kinds of coffees.
- Every time a purchase is made, several coffee's may be in the purchase.
- Each type of coffee can be in any purchase.
- Only customers who are members of the loyalty program receive the 10% increase in total points earned on their birthday.
- Although customers can have any of the specified phone types, only one phone number and type will be recorded in the database.