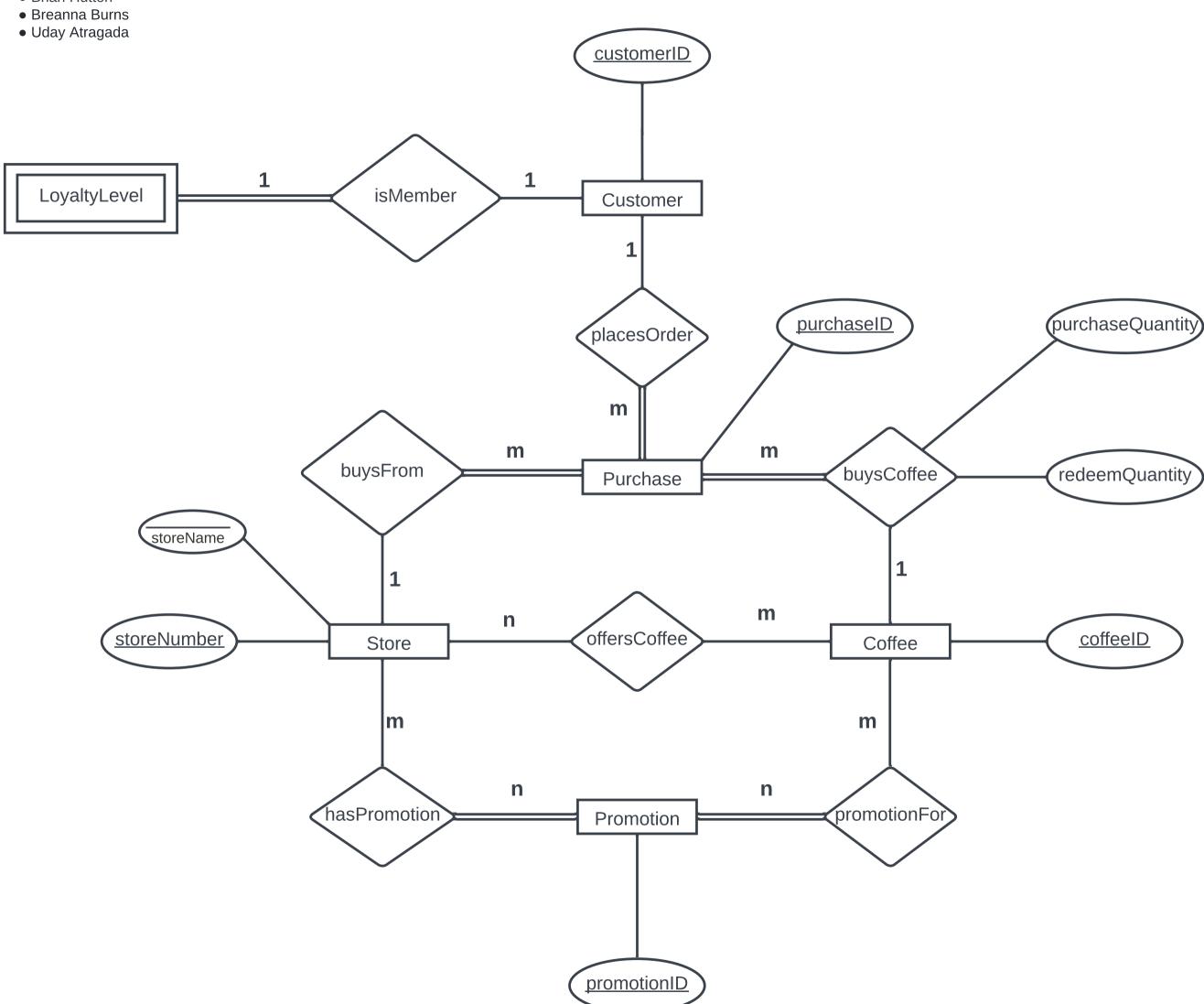
Boutique Coffee Project

Phase 1

• Brian Hutton



^{***}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 coffeeID Store Coffee storeNumbe price (gps (intensity) (latitude) (rewardPoints) (longitude) redeemPoints

Assumptions:

- Coffee prices must be greater than zero.
- Although customers can have any of the specified phone types, only one phone number and type will be recorded in the database.
- A customer can make many purchases.
- There can be only one customer per purchase.
- A given purchase can occur only at one store.
- There can only be one type of coffee per purchase.
- Any coffee be in any number of purchases.
- A store can offer many different coffees.
- A given coffee type can be in many stores.
- A given promotion can occur at many stores.
- A given store can have many promotions.
- A promotion can feature many different cofees.
- A coffee can be in many different promotions.