PHASE 1: INTERMEDIATE SUBMISSION CHECKLIST/SIGNOFF SHEET

**GROUP #:** 20 **GROUP NAME:** Bobby Drop Tables

Intermediate Deliverables:

1. Requirements description
2. ER diagram with min/max specifications

Intermediate Assessment:

1. Group Status Report

We have each reviewed the contents of this deliverable.

*Printed Name ASU Email Signature*

Phase Leader Ryan code@asu,edu \_\_\_\_\_\_\_\_\_\_\_\_\_

Phase Recorder Pat paoconno@asu.edu \_\_\_\_\_\_\_\_\_\_\_\_\_

Phase Checker Connor clmaddox@asu.edu \_\_\_\_\_\_\_\_\_\_\_\_\_

Technical Advisor 1 Lisa lrashidi@.asu.edu \_\_\_\_\_\_\_\_\_\_\_\_\_

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**Restaurant Database (TACO TABLES)**

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## 1. Introduction

The objective of this software is to allow for a comfortable and friendly experience for customers ordering at our restaurant.

## 2. Requirements and Description of the Enterprise

The Restaurant Database will need to store information about employees, customers, menu items, orders, and tables pertaining to the restaurant. This data will organized as follows:

* Chef: Chefs will have names, IDs, and wages. We will also see the Hours for each chef as well as what menu items they create.
* Server: Servers will have names, IDs, and wages. They will also be assigned tables that they are serving. We will also store what orders they have served. Hours will also be tracked for servers.
* Menu Item: Menu items will have descriptions, names, ingredients, calories, price, and rating. The rating will be derived from overall customer ratings.
* Table: Tables will be given IDs. We will also track the number of seats and whether or not it is occupied.
* Party: This is a group of customers visiting the restaurant. Parties will be tracked by a party leader’s email. We will also store that party leader’s name. Parties will make orders where they select menu items from the menu. We will store each party’s visit as well as relevant information to that visit.
* Order: Orders will contain menu items. They will also have IDs, status, as well as attributes pertaining to the final price. The time the order is places as well as when it is completed will also be stored.
* Tax: We will also track the tax percentage of the restaurant’s location. This will enable the database to be used in multiple states for franchise restaurants.

## 3. Conceptual Design ER Diagram

## GROUP STATUS REPORT

**GROUP #:** 20 **GROUP NAME:** Bobby DROP TABLE **PHASE #:** 1

We have each reviewed the contents of the following group status report:

*Printed Name Signature*

Phase Leader Ryan \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phase Recorder Pat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phase Checker Connor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Technical Advisor 1 Lisa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Technical Advisor 2 Todd \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dates & attendance at group meetings in this phase:

Friday, Aug 28 3:00 - 5:00 PM All group member present

Monday, Sept 7 3:00 - 5:00 PM All group member present

Overview of progress on project as of September 7:

The ER diagram is entering its final stages of completion. We are currently discussing final changes such as constraints and cardinality. The requirements have been detailed and are ready for submission. The last steps will be to put the finishing touches on the ER diagram before it is ready to turn in.

CONTRIBUTIONS OF GROUP MEMBERS

*(  indicates completed contribution  indicates contribution to be completed )*

Leader:

** Attended first meeting to create rough draft of ER Diagram

** Initialized Github repository

** Translated rough draft of ER Diagram to digital format

Recorder:

** Attended first meeting to create rough draft of ER Diagram

** Assisted in Requirements document final draft

** Updated requirements on Github repo

Phase Checker:

** Attended first meeting to create rough draft of ER Diagram

** Updated ER Diagram with constraints

** Final analysis of Phase 1 Intermediate Document

Technical Advisor 1:

** Attended first meeting to create rough draft of ER Diagram

** Assisted in Requirements document final draft

Technical Advisor 2:

** Attended first meeting to create rough draft of ER Diagram

** Assisted in Requirements document final draft