### Functional Dependencies

Bartenders(*Bartender\_id, First\_name, Last\_name, Employment\_type*)

FDBartenders={Bartender\_id→First\_name, Bartender\_id→Last\_name, Bartender\_id→ Employment\_type}

CompletedOrders(*Order\_id, Bartender\_service, Completed\_time*)

FDCompletedOrders={Order\_id→Completed\_time, Order\_id→Bartender\_service}

EmploymentTypes(*Employment\_id, Employment\_type\_desc*)

FDEmploymentTypes={Employment\_id→Employment\_type\_desc}

ItemSupplies(*Item\_id, Item\_name, Item\_size, Item\_price*)

FDItemSupplies={Item\_id→Item\_name, Item\_id→Item\_size, Item\_id→Item\_price}

Note: Item name does not determine item size or item price because duplicate items may exist. Although the GUI interface will restrict duplicates, database interaction may introduce duplicate items.

OrderableItems(*Item\_id, Item\_name, Item\_price, Available*)

FDOrderableItems={Item\_id→Item\_name, Item\_id→Item\_price, Item\_id→ Available}

*Note: Item name does not determine item price or availability because duplicate items may exist. Although the GUI interface will restrict duplicates, database interaction may introduce duplicate items.*

Orders(*Order\_id, Order\_item, Order\_time*)

FDOrders={Order\_id→Order\_item, Order\_id→Order\_time}

Recipes(*Finished\_item\_id, Supply\_item\_id, Recipe\_amount*)

FDRecipes={(Finished\_item\_id, Supply\_item\_id)→Recipe\_amount}