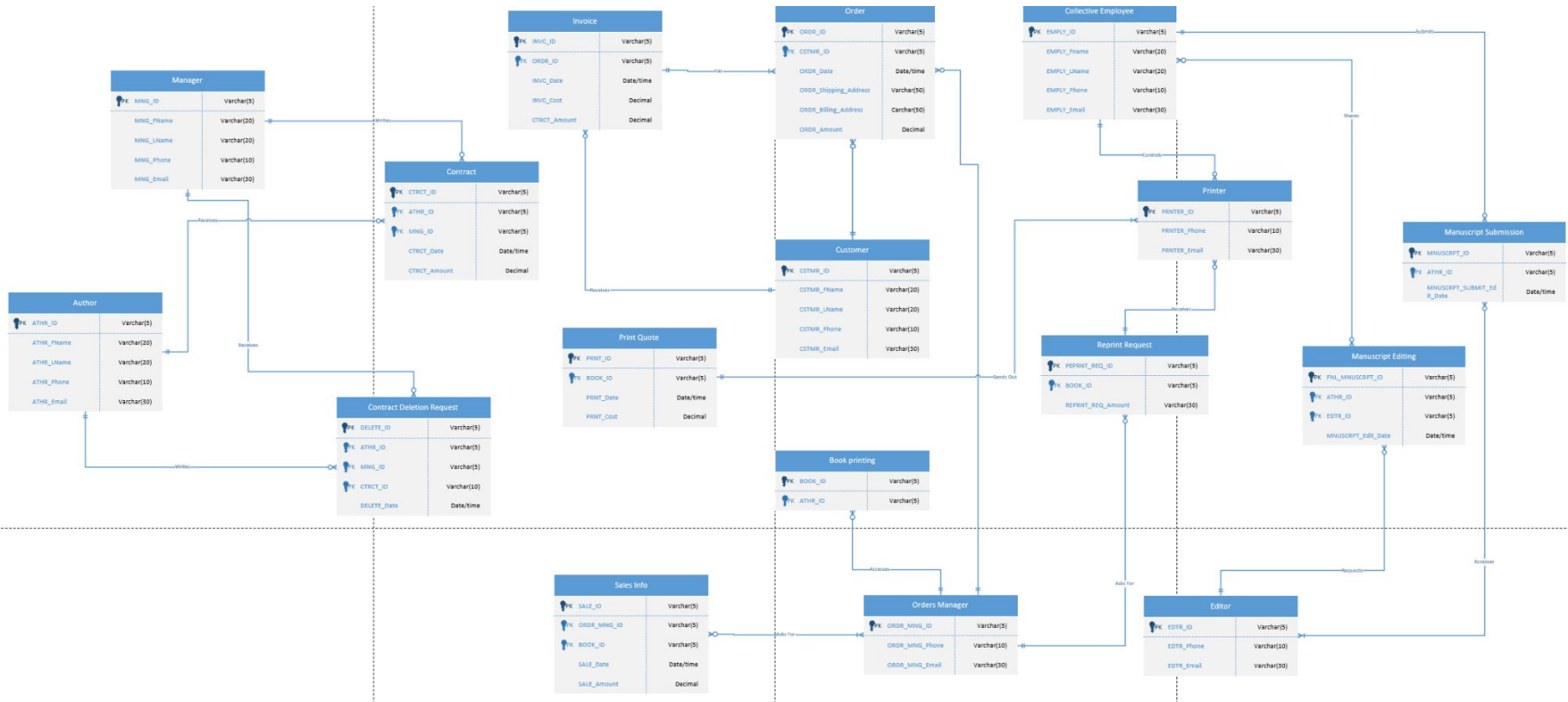# CSC 4700
SYSTEM DESIGN & IMPLEMENTATION

MILESTONE 8

Kaitaia Publishing Collective

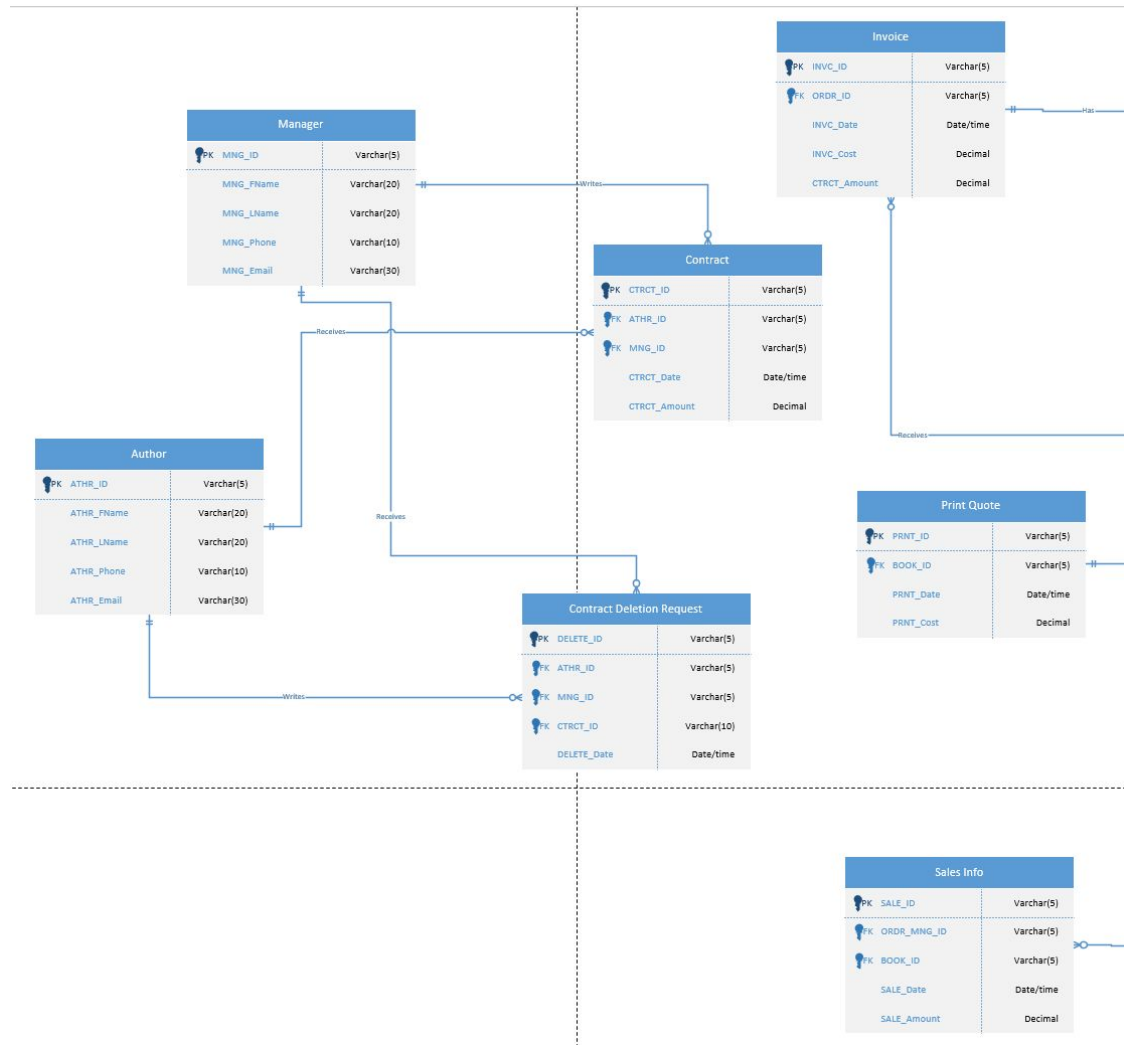Benjamin Jackson, Haris Khan, Konan Kouame, Ryan Horwitz,

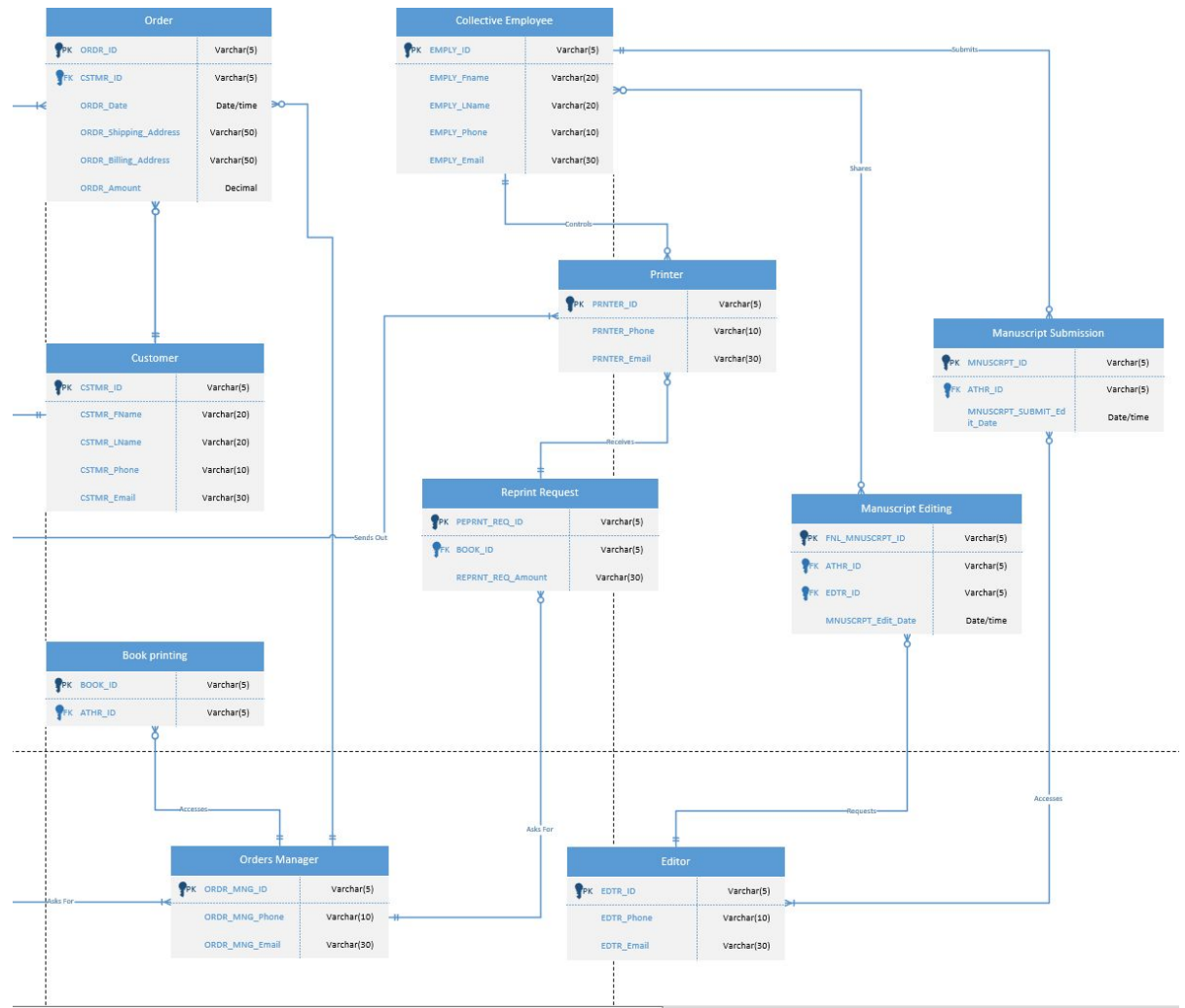# Physical ERD

Part 1

Part 2

Order

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FK	CSTMR_ID	Varchar(5)
	ORDR_Date	Date/time
	ORDR_Shipping_Address	Varchar(50)
	ORDR_Billing_Address	Varchar(50)
	ORDR_Amount	Decimal

Collective Employee

PK	EMPLY_ID	Varchar(5)
	EMPLY_Fname	Varchar(20)
	EMPLY_LName	Varchar(20)
	EMPLY_Phone	Varchar(10)
	EMPLY_Email	Varchar(30)

Submits

Shares

Controls

Printer

PK	PRNTER_ID	Varchar(5)
	PRNTER_Phone	Varchar(10)
	PRNTER_Email	Varchar(30)

Manuscript Submission

PK	MNUSCRPT_ID	Varchar(5)
FK	ATHR_ID	Varchar(5)
	MNUSCRPT_SUBMIT_Edit_Date	Date/time

Customer

PK	CSTMR_ID	Varchar(5)
	CSTMR_FName	Varchar(20)
	CSTMR_LName	Varchar(20)
	CSTMR_Phone	Varchar(10)
	CSTMR_Email	Varchar(30)

Receives

Sends Out

Reprint Request

PK	PEPRNT_REQ_ID	Varchar(5)
FK	BOOK_ID	Varchar(5)
	REPRNT_REQ_Amount	Varchar(30)

Manuscript Editing

PK	FNL_MNUSCRPT_ID	Varchar(5)
FK	ATHR_ID	Varchar(5)
FK	EDTR_ID	Varchar(5)
	MNUSCRPT_Edit_Date	Date/time

Book printing

PK	BOOK_ID	Varchar(5)
FK	ATHR_ID	Varchar(5)

Accesses

Asks For

Requests

Accesses

Orders Manager

PK	ORDR_MNG_ID	Varchar(5)
	ORDR_MNG_Phone	Varchar(10)
	ORDR_MNG_Email	Varchar(30)

Asks For

Editor

PK	EDTR_ID	Varchar(5)
	EDTR_Phone	Varchar(10)
	EDTR_Email	Varchar(30)

Test Plan

Test Number: 1
Objective: Test a successful author manuscript submission to the database
Steps to achieve proper outcome:
-Employee registers the author's information into the database for later reference
-Employee enters the manuscript information and assigns an ID within the database
-Employee enters the author information and submit the author's manuscript to the database.
Outcome expected:
-System sends author an email with confirmation that their manuscript has been logged in
Pass / Fail
Reason for Failing:

Test number: 2
Objective: Test an unsuccessful author manuscript submission to the database.
Steps to achieve proper outcome:
-Employee registers the author's information into the database for later reference
-Employee enters the manuscript information and assigns an ID within the database
-Employee enters the author information and submit the author's manuscript to the database.
Additional scenarios that should bring the same outcome:
Scenario: 1
-Employee enters the correct author's information into the database
Scenario: 2
-Employee enters the incorrect author's information into the database
Outcome expected:
-System sends an email to the author that their manuscript could not be found
Pass / **Fail**
Reason for Failing: Employee assigns the same ID within to two authors in the database.

Different Types of Documentation

System Documentation - Allows programmers and analysts to understand and maintain the system upon installation. System documentation is created as a result of the systems analysis and design process and is created during the span of the project. Every step taken during the system design process is documented which allows for a higher level of understanding of how the system functions. Usually stored in project binders.

User Documentation - Typically includes manuals and help tools that explain what the system does to the users. User documentation is designed to instruct the user on how to navigate and operate the system. The general assumption made is that the users read the user manuals and undergo training. Since user documentation is often overlooked, software is generally made more user friendly for the systems.

- **Reference Documents** - Used to teach a user how to perform a specific task
- **Procedure Manuals** - Used to describe business tasks.
- **Tutorials** - Teach users how to utilize major system components.

Migration Plan

- Conversion Style:
  - Parallel
- Conversion Location:
  - Pilot
- Conversion Modules:
  - Whole System

Thank You!