Kaitaia Publishing Collective

CSC 4700 Systems Design & Implementation

Fitchburg State University

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Physical ERD

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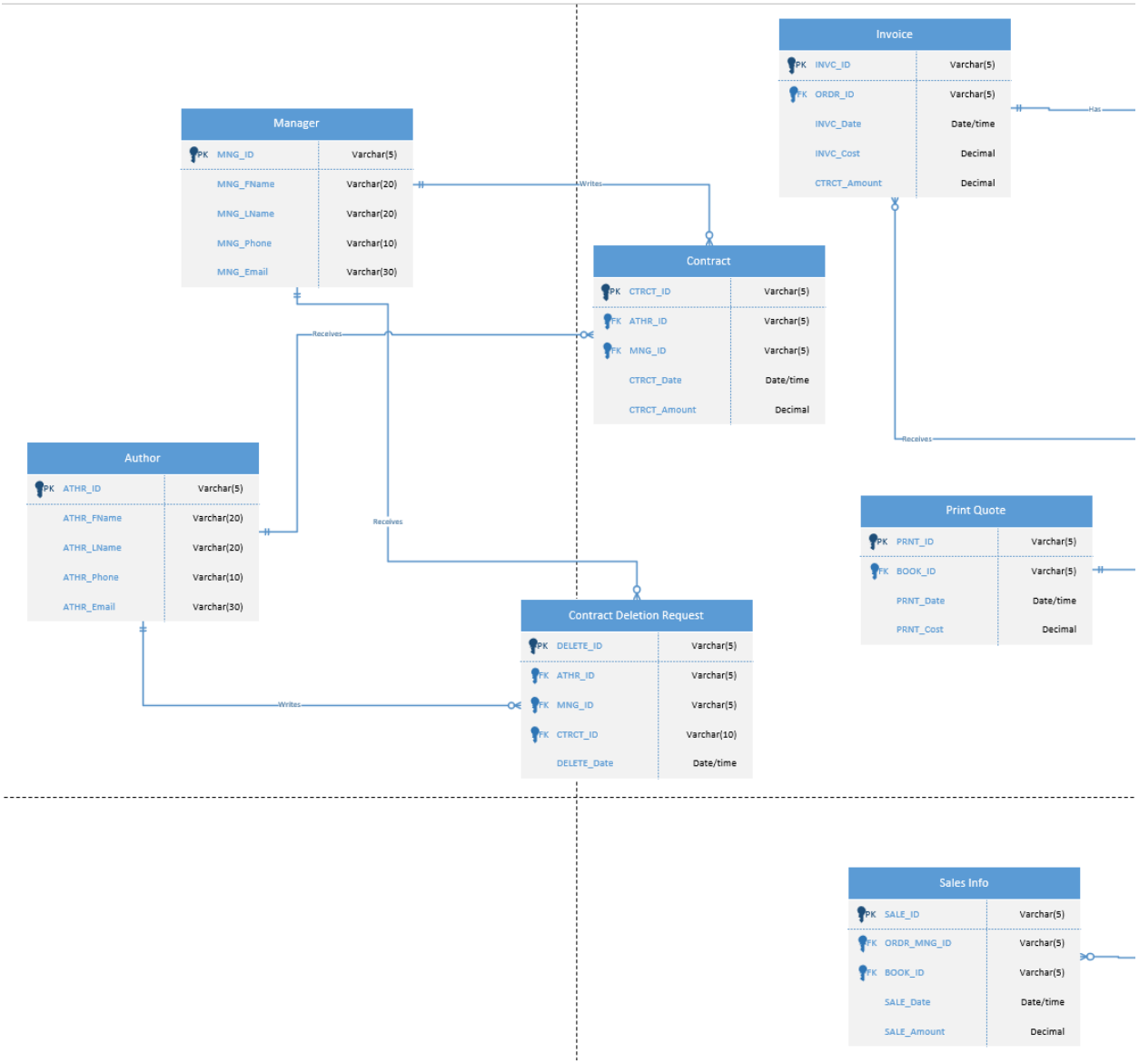

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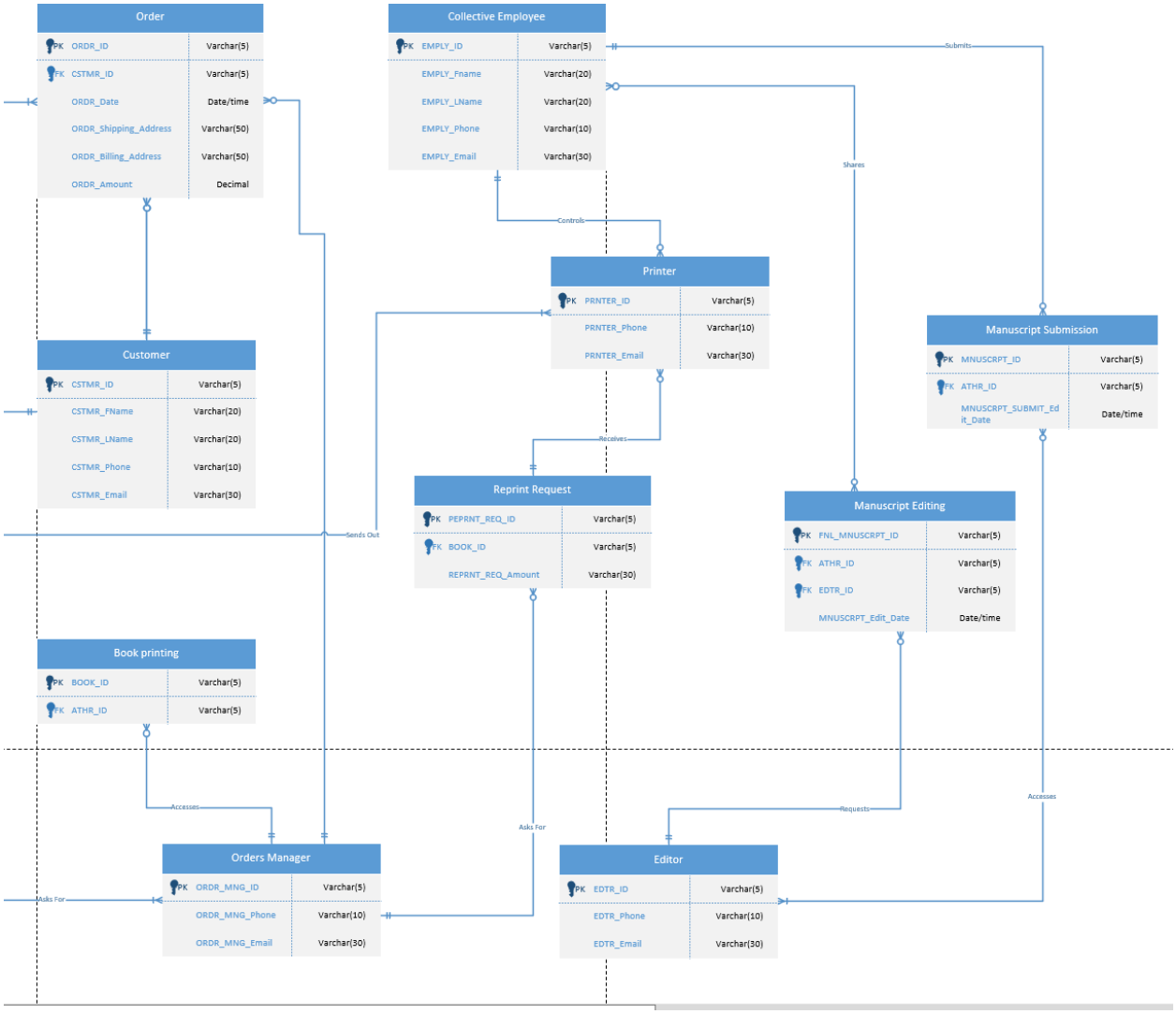
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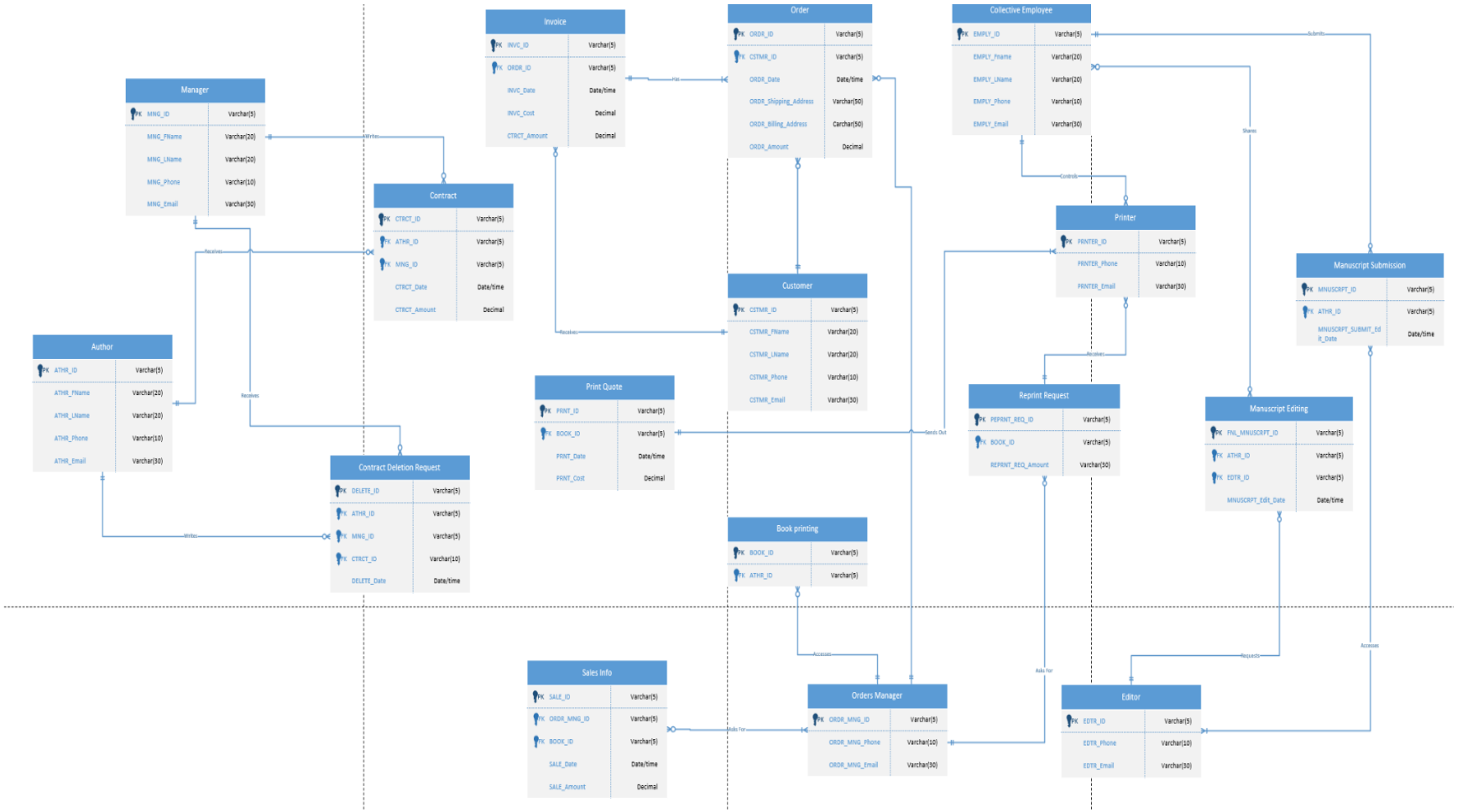
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Test Plan

KPC 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 submits 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 submits 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.

Document Types:

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.

<u>Migration Plan -</u>

Conversion Style: The style which we are deciding to go with is Parallel due to the size of the business which Kaitaia Publishing is. With the idea of going parallel, this will prevent in

hindsight the chance of issues occuring that will impact Kaitaia on a large scale and will make sure their new and old system will be run together until the old system and be pushed out completely in a long but also timely manner.

Conversion Location: The location conversion we are going to use is the pilot option. This option allows us to install the system at a single location prior to other locations to check for bugs and errors that may occur on installation to prepare for other locations when they are installed there.

Conversion Modules: We will be doing a Whole System Conversion for the conversion modules. This may be a high risk choice though considering the other choices for style and location this will not be completely high risk, both other options provide chances to fix issues and make sure the system runs as intended. The other option would cost too much and also require more training for employees which should not occur since we already chose to go with the Parallel Style.