



MAITHREYEE VATSAN AND AMRITA MOHANDAS

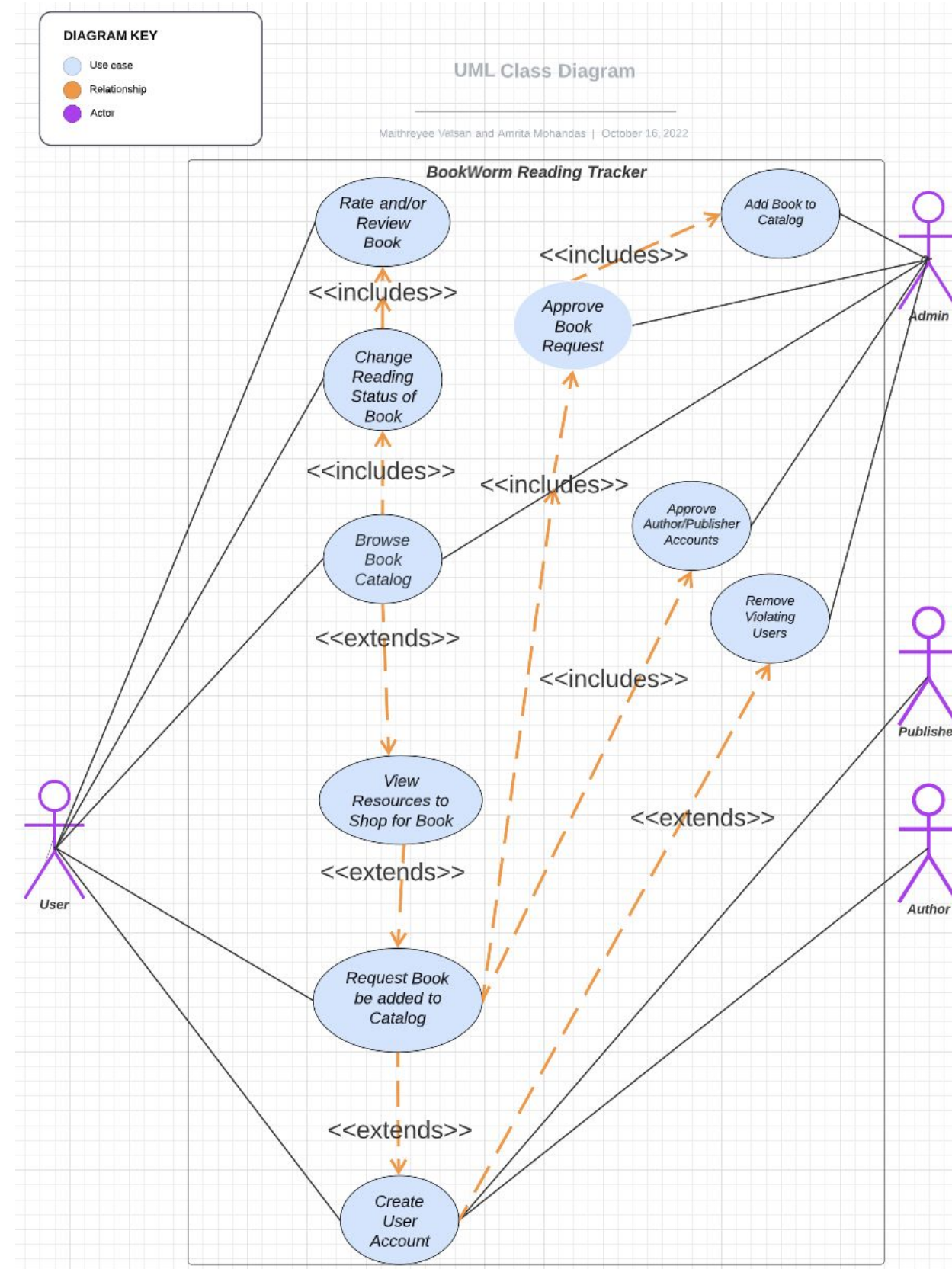
# CSE 111 Project: BookWorm



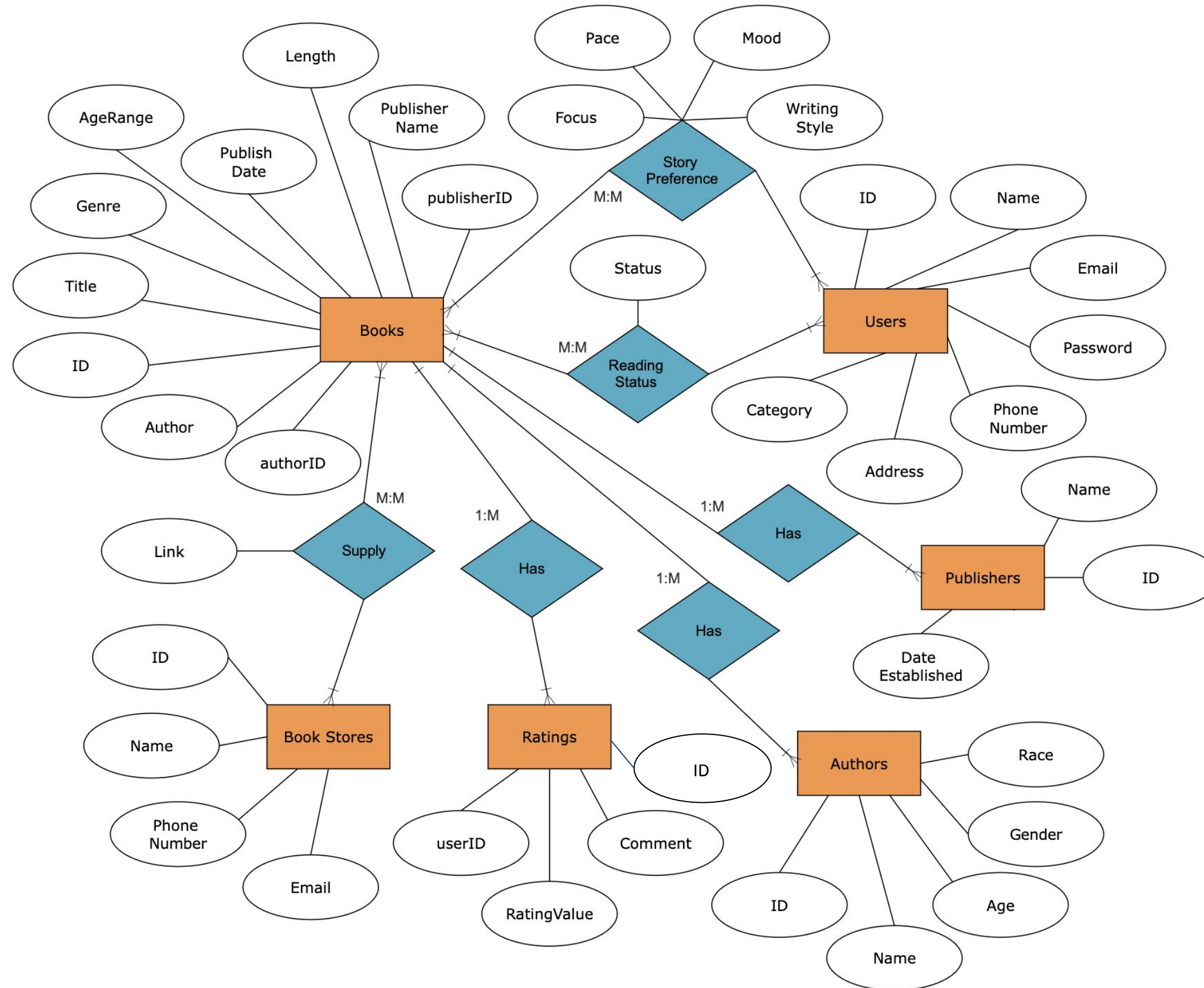
# Project Description

- System to track reading status for books and find book recommendations
- Book catalog can be searched through using a specific criteria
  - For example: title, author, genre, etc.
- Users can track their reading status for a book by categorizing it
  - For example: Finished Reads, To Be Read, Current Reads, Did Not Finish

# UML Use Case Diagram



# E/R Diagram



# Relational Schema

## Authors

authorID  
authorName  
age  
race  
gender

## BookStore

bookstoreID  
name  
phoneNumber  
email

## Publishers

pubID  
pubName  
dateEstablished

## Supply

s\_bookID  
s\_bookstoreID  
link  
address

## Books

bookID  
title  
authorID  
authorName  
genre  
ageRange  
publishDate  
length  
rating  
publisherID  
pubName

## Preferences

p\_userID  
p\_bookID  
pace  
mood  
focus  
writingStyle

## Rating

ratingID  
r\_userID  
rating  
review

## User

userId  
name  
password  
address  
email  
userCategory

## ReadingStatus

rs\_userID  
rs\_bookID  
status

# Implementation Details

- UML Use Case Diagram:
  - LucidArt
- E/R Diagram:
  - SmartDraw
- HTML/CSS
- SQL
- Subject To Change (Python, JavaScript, etc.)