Database Management Systems Project

Tyler Parris

TABLE OF CONTENTS

1…………BUSINESS RULES

2…………ENTITY NAMES AND ATTRIBUTES

3…………ENTITY RELATIONAL DIAGRAM

4………..DATABASE RELATION SCHEMA

5………..DATABASE CREATION

6………..DATABASE INFORMATION

7………..QUERIES AND OUTPUT

1. BUSINESS RULES

* One or more manuscripts are submitted by one or more authors
* A manuscript must have a number, title, date, status and author credits
* A manuscript’s status will be “received” if checked by an author
* An author must have a name, mailing address, email address, and affiliation
* Every manuscript must have an author
* Every manuscript has many manuscript histories
* A manuscript with multiple authors must be recorded in order of the authors
* A manuscript status can be changed to rejected and author email is notified
* The editor must select 3 or more reviewers to review 1 manuscript
* A reviewer must have a number, name, email address, affiliation, and area of interest
* An area of interest must have an IS code and description
* A reviewer must have 1 or more area of interests
* An area of interest can be associate with many reviewers
* Manuscript will be changed to under review when reviewed by reviewers
* The editor will record which reviewers received a manuscript and the date they received it
* New reviewers may not receive manuscripts
* Every reviewer must leave feedback
* Feedback must have a rating out of 10 for appropriateness, clarity, methodology, and contribution as well as a recommendation for publication
* Editor will record rating, date, and recommendation
* Editor will change manuscript status to accepted or rejected when all reviews are in
* Editor will record date of acceptance if manuscript will be published
* Journal will record publication period, publication year, volume and number
* Journal will contain many manuscripts
* 1 manuscript will appear in 1 issue
* Many issues will appear in 1 journal
* Manuscript must have a typeset if accepted
* Typeset must have fonts, font size, line spacing, and justification
* Editor will decide which issue an accepted manuscript will appear in
* Editor will decide order of manuscripts within each issue
* Editor will record order and beginning page number of a manuscript
* Manuscript history will change to “scheduled” once scheduled for an issue
* Manuscript history will change to “published” once published
* Editor will record print date

1. Entity Names and Relationships
2. Manuscript (One to Many relationship with Submission)

Manuscript Number

Manuscript Title

Manuscript Final Status

Manuscript Type

1. Submission (One to Many relationship with Manuscript and Many to One relationship with Author)

Submission Date

Author Order

Status

1. Manuscript History (Many to One relationship with Manuscript)

Manuscript History Status

Manuscript History Date

1. Author (One to Many relationship with Submission)

Author ID

Author Name

Author Mailing Address

Author Email Address

Author Affiliation

1. Feedback (0 or Many to One relationship with Reviewer and Many to One relationship with BeingReviewed)

Feedback Rating

Feedback Recommendation

Feedback Date Received

1. Being Reviewed (One to many Relationship with ReviewerAssignment, child inheritance with Manuscript and is the parent of AcceptedManuscripts)
2. Area of Interest (One to 0 or Many Relationship with Reviewer)

AOI ISCode

AOI Description

1. Reviewer Interest (Many to One relationship with Reviewer and 0 or Many to One relationship with AreaOfInterest)
2. Rejected Manuscript (Child inheritance of BeingReviewed)

Rejected Date

1. Reviewer Assignment(Many to One relationship with BeingReviewed and 0 or 1 to Many relationship with Reviewer

Date Sent to Reviewer

1. Issue (One to 0 or Many relationship with AcceptedManuscript)

Issue ID

Publication Period

Publication Year

Volume

Issue Number

Print Date

1. Typeset (One to One relationship with AcceptedManuscript)

Typeset Font

Typeset Font Size

Typeset Line Spacing

Typeset Justification

1. Manuscript Returned (Child inheritance of Manuscript)

Return Status

Return Date

1. Accepted Manuscript (Child Inheritance of BeingReviewed and 0 or Many to One relationship with Issue

Order With in Issue

Beginning Page Number

Number of Page

Accepted Date

1. Reviewer (Many to 0 or 1 relaitonship with ReviewerAssignment and One to Many relationship with ReviewerInterest)

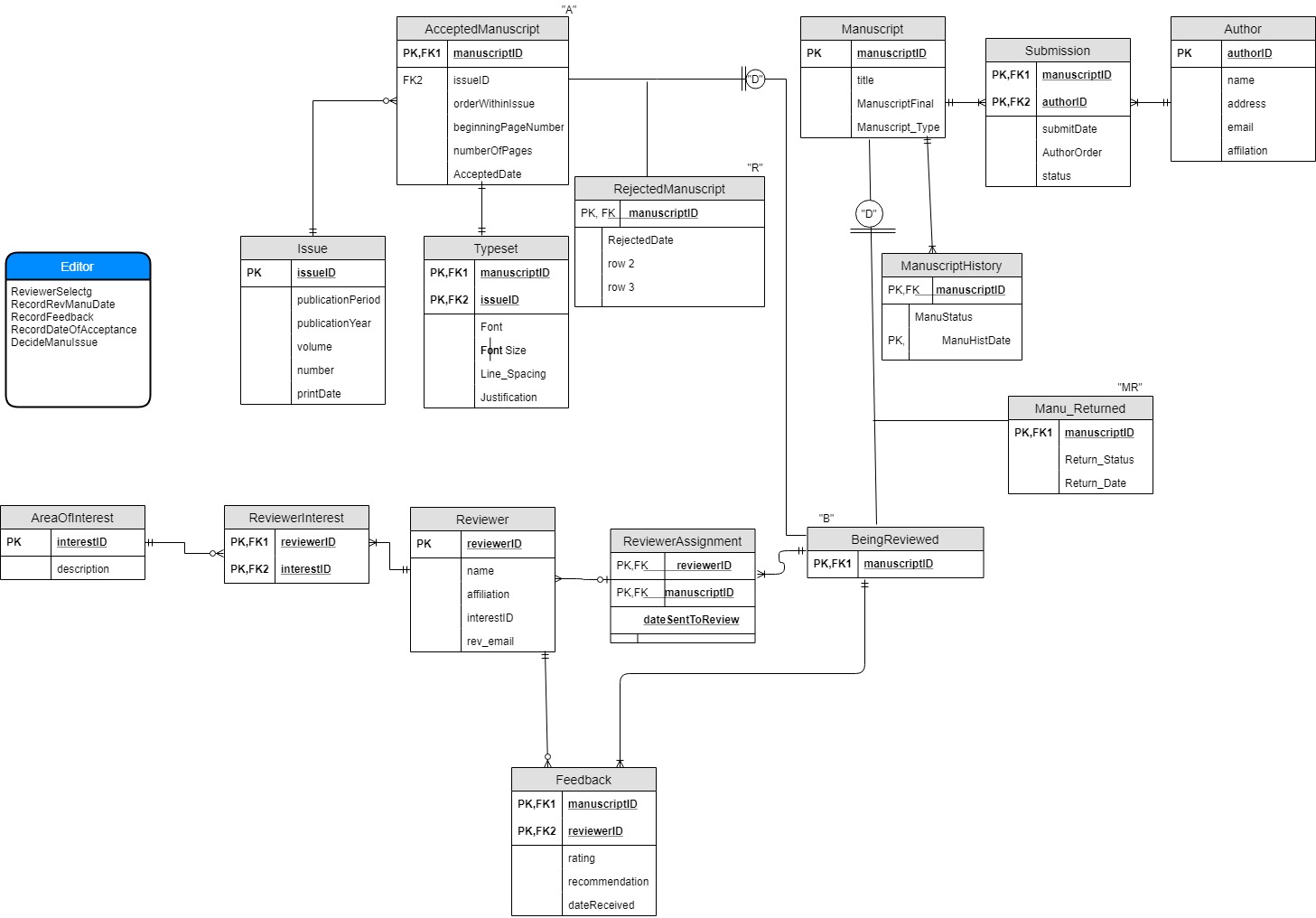
Reviewer ID

Reviewer Name

Reviewer Affiliation

Reviewer Email

1. ENTITY RELATIONAL DIAGRAM



1. DATABASE RELATION SCHEMA

Manuscript (Manuscript\_ID(PK), Title, Manuscript\_Final, Manuscript\_Type)

BeingReviewed (Manuscript\_ID(PK/FK))

Author (Author\_ID(PK), Author\_Name, Mail\_Address, Email\_Address, Affiliation)

Issue (Issue\_ID(PK), publicationPeriod, publicationYear, volume, Issue\_Number, printDate)

Reviewer (Reviewer\_ID (PK), Reviewer\_Name, Reviewer\_Affliation, Reviewer\_Email)

AreaOfInterest (Interest\_ID(PK), Description)

AcceptedManuscript (Manuscript\_ID(PK/FK), Issue\_ID(FK), orderWithinIssue, beginningPageNumber, numberofPages, AcceptedDate)

RejectedManuscript (Manuscript\_ID (PK, FK), RejectedDate)

ReviewerInterest (Reviewer\_ID(PK/FK), Interest\_ID (PK/FK)

Submission (Manuscript\_ID(PK/FK), Author\_ID(PK/FK), submitDate, AuthorOrder, Manu\_Status)

ReviewerAssignment (Manuscript\_ID (PK/FK), Reviewer\_ID (PK/FK), dateSentToReviewer)

Typeset (Manuscript\_ID(PK/FK), Issue\_ID(PK/FK), Font, Font\_Size, Line\_Spacing, Justification)

Manu\_Returned (Manuscript\_Number(PK/FK), Return\_Status, Return\_Date

ManuscriptHistory (Manuscript\_Number(PK/FK), ManuscriptHistStatus, ManuHistDate)

Feedback (Reviewer\_ID(PK/FK), Manuscript\_Number(PK/FK), Rating, Recommendation, dateReceieved)

1. DATABASE CREATION

**CREATE TABLE Manuscript (**

**Manuscript\_ID varchar(3) primary key,**

**Title varchar(15),**

**Manuscript\_Final varchar(15),**

**Manuscript\_Type varchar(30)**

**) ENGINE = INNODB;**

**CREATE TABLE Being\_Reviewed (**

**Manuscript\_ID varchar(3) primary key,**

**foreign key (Manuscript\_ID) references Manuscript (Manuscript\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE Author(**

**Author\_ID varchar(15) primary key,**

**Author\_Name varchar(15),**

**Mail\_Address varchar(30),**

**Email\_Address varchar(20),**

**Affiliation varchar(25)**

**) ENGINE = INNODB;**

**CREATE TABLE Issue (**

**Issue\_ID varchar(3) primary key,**

**publicationPeriod varchar(10),**

**publicationYear varchar(4),**

**volume varchar(2),**

**Issue\_number varchar(3),**

**printDate date**

**) ENGINE = INNODB;**

**CREATE TABLE Reviewer (**

**Reviewer\_ID varchar(3) primary key,**

**Reviewer\_Name varchar(15),**

**Reviewer\_Affiliation varchar(25),**

**Reviewer\_Email varchar(25)**

**) ENGINE = INNODB;**

**CREATE TABLE AreaOfInterest (**

**Interest\_ID varchar(6) primary key,**

**Description varchar(20)**

**) ENGINE = InnoDB;**

**CREATE TABLE AcceptedManuscript (**

**Manuscript\_ID varchar(3),**

**Issue\_ID varchar(3),**

**orderWithinIssue varchar(15),**

**beginningPageNumber int,**

**numberofPages int,**

**AcceptedDate date,**

**primary key (Manuscript\_ID, Issue\_ID),**

**foreign key (Manuscript\_ID) references Being\_Reviewed (Manuscript\_ID),**

**foreign key (Issue\_ID) references Issue (Issue\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE RejectedManuscript (**

**Manuscript\_ID varchar(3) primary key,**

**foreign key (Manuscript\_ID) references Being\_Reviewed (Manuscript\_ID),**

**RejectedDate date**

**) ENGINE = INNODB;**

**CREATE TABLE ReviewerInterest (**

**Reviewer\_ID varchar(3),**

**Interest\_ID varchar(6),**

**primary key (Reviewer\_ID, Interest\_ID),**

**foreign key (Reviewer\_ID) references Reviewer (Reviewer\_ID),**

**foreign key (Interest\_ID) references AreaOfInterest (Interest\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE Submission (**

**Manuscript\_ID varchar(3),**

**Author\_ID varchar(15),**

**submitDate date,**

**AuthorOrder varchar(2),**

**Manu\_Status varchar(20),**

**primary key (Manuscript\_ID, Author\_ID),**

**foreign key (Manuscript\_ID) references Manuscript (Manuscript\_ID),**

**foreign key (Author\_ID) references Author (Author\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE ReviewerAssignment (**

**Manuscript\_ID varchar(3),**

**Reviewer\_ID varchar(3),**

**dateSentToReviewer date,**

**primary key (Manuscript\_ID, Reviewer\_ID),**

**foreign key (Manuscript\_ID) references Being\_Reviewed (Manuscript\_ID),**

**foreign key (Reviewer\_ID) references Reviewer (Reviewer\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE Typeset (**

**Manuscript\_ID varchar(3),**

**Issue\_ID varchar(3),**

**Font varchar(10),**

**Font\_Size int,**

**Line\_Spacing varchar(10),**

**Justification varchar(20),**

**primary key (Manuscript\_ID, Issue\_ID),**

**foreign key (Manuscript\_ID) references AcceptedManuscript (Manuscript\_ID),**

**foreign key (Issue\_ID) references AcceptedManuscript (Issue\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE Manu\_Returned (**

**Manuscript\_ID varchar(3) primary key,**

**Return\_Status varchar(10),**

**Return\_Date date,**

**foreign key (Manuscript\_ID) references Manuscript (Manuscript\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE ManuscriptHistory (**

**Manuscript\_ID varchar(3),**

**ManuscriptHistStatus varchar(15),**

**ManuHistDate date,**

**primary key (Manuscript\_ID, ManuscriptHistStatus),**

**foreign key (Manuscript\_ID) references Manuscript (Manuscript\_ID)**

**) ENGINE = INNODB;**

**CREATE TABLE Feedback (**

**Manuscript\_ID varchar(3),**

**Reviewer\_ID varchar(3),**

**Rating int,**

**Recommendation varchar(10),**

**dateReceieved date,**

**primary key (Manuscript\_ID, Reviewer\_ID),**

**foreign key (Reviewer\_ID) references Reviewer (Reviewer\_ID),**

**foreign key (Manuscript\_ID) references Being\_Reviewed (Manuscript\_ID)**

**) ENGINE = INNODB;**

1. **DATABASE INFORMATION**

**#Manuscript**

**INSERT INTO Manuscript VALUES ('001', 'History', 'Published', 'Case Studies');**

**INSERT INTO Manuscript VALUES ('002', 'Computers', 'Rejected', 'Original Research');**

**INSERT INTO Manuscript VALUES ('003', 'Computers2', 'Accepted', 'Original Research');**

**INSERT INTO Manuscript VALUES ('004', 'Math', 'Under Review', 'Original Research');**

**INSERT INTO Manuscript VALUES ('005', 'Science', 'Published', 'Communication');**

**INSERT INTO Manuscript VALUES ('006', 'Biology', 'Scheduled', 'Communication');**

**INSERT INTO Manuscript VALUES ('007', 'Calculus', 'Returned', 'Original Research');**

**INSERT INTO Manuscript VALUES ('008', 'Phys Ed.', 'Returned', 'Original Research');**

**INSERT INTO Manuscript VALUES ('009', 'Chemistry', 'Rejected', 'Case Study');**

**#Authors**

**INSERT INTO Author VALUES ('111', 'John Mayer', '123 Harper St.', 'JMayer@gmail.com', 'High School');**

**INSERT INTO Author VALUES ('112', 'Alice Light', '156 Wallace Ave', 'ALight@yahoo.com', 'Comp Tech');**

**INSERT INTO Author VALUES ('113', 'Robert Lander', '535 Lamper St.', 'RLander@aol.com', 'Math Club');**

**INSERT INTO Author VALUES ('114', 'Forest Law', '004 Tecken St.', 'ForLaw3@hotmail.com', 'Hospital');**

**INSERT INTO Author VALUES ('115', 'Jessica Quest', '229 Alexandra Blvd', 'JQuest56@msn.com', 'Medical Center');**

**#Being\_Reviewed**

**INSERT INTO Being\_Reviewed VALUES ('001');**

**INSERT INTO Being\_Reviewed VALUES ('002');**

**INSERT INTO Being\_Reviewed VALUES ('003');**

**INSERT INTO Being\_Reviewed VALUES ('004');**

**INSERT INTO Being\_Reviewed VALUES ('005');**

**INSERT INTO Being\_Reviewed VALUES ('006');**

**INSERT INTO Being\_Reviewed VALUES ('009');**

**#Submission**

**INSERT INTO Submission Values ('001', '111', '2018/03/01', '01', 'Published');**

**INSERT INTO Submission Values ('001', '112', '2018/03/01', '02', 'Published');**

**INSERT INTO Submission Values ('001', '113', '2018/03/01', '03', 'Published');**

**INSERT INTO Submission Values ('002', '112', '2018/03/01', '01', 'Rejected');**

**INSERT INTO Submission Values ('002', '113', '2018/03/01', '02', 'Rejected');**

**INSERT INTO Submission Values ('002', '114', '2018/03/01', '03', 'Rejected');**

**INSERT INTO Submission Values ('003', '112', '2018/03/04','01', 'Accepted');**

**INSERT INTO Submission Values ('003', '113', '2018/03/04','02', 'Accepted');**

**INSERT INTO Submission Values ('004', '113', '2018/03/04', '01', 'Under Review');**

**INSERT INTO Submission Values ('004', '114', '2018/03/04', '02', 'Under Review');**

**INSERT INTO Submission Values ('004', '115', '2018/03/04', '03', 'Under Review');**

**INSERT INTO Submission Values ('005', '114', '2018/03/07', '01', 'Published');**

**INSERT INTO Submission Values ('005', '115', '2018/03/07', '02', 'Published');**

**INSERT INTO Submission Values ('005', '111', '2018/03/07', '03', 'Published');**

**INSERT INTO Submission Values ('006', '114', '2018/03/07', '01', 'Scheduled');**

**INSERT INTO Submission Values ('007', '113', '2018/03/09', '01', 'Returned');**

**INSERT INTO Submission Values ('007', '114', '2018/03/09', '02', 'Returned');**

**INSERT INTO Submission Values ('008', '115', '2018/03/09', '01', 'Returned');**

**INSERT INTO Submission Values ('009', '112', '2018/03/10', '01', 'Rejected');**

**INSERT INTO Submission Values ('009', '113', '2018/03/10', '02', 'Rejected');**

**#Manu\_Returned**

**INSERT INTO Manu\_Returned VALUES ('007', 'Returned', '2018/03/10');**

**INSERT INTO Manu\_Returned VALUES ('008', 'Returned', '2018/03/11');**

**#Reviewer**

**INSERT INTO Reviewer VALUES('123', 'Lenny Jenkins', 'High School', 'LenJen@gmail.com');**

**INSERT INTO Reviewer VALUES('124', 'Wallace Menk', 'Medical Center', 'WallyMenk@yahoo.com');**

**INSERT INTO Reviewer VALUES('125', 'Jennifer Pret', 'Hospital', 'JPret@aol.com');**

**INSERT INTO Reviewer VALUES('126', 'Raul Ortiz', 'Music Club', 'ROrtiz@aol.com');**

**INSERT INTO Reviewer VALUES('127', 'Jacob Key', 'Math Club', 'JKey@hotmail.com');**

**INSERT INTO Reviewer VALUES('128', 'Emma Poppie', 'Medical Center', 'EmmiePop@gmail.com');**

**INSERT INTO Reviewer VALUES('129', 'Julia Makoto', 'Comp Tech', 'JMakoto@msn.com');**

**INSERT INTO Reviewer VALUES('130', 'Taylor Font', 'Biology Club', 'FontTay@msn.com');**

**INSERT INTO Reviewer VALUES('131', 'Robert Zen', 'High School', 'RZen@hotmail.com');**

**#ReviewerAssignment**

**INSERT INTO ReviewerAssignment VALUES ('001', '123', '2018/03/04');**

**INSERT INTO ReviewerAssignment VALUES ('001', '124', '2018/03/04');**

**INSERT INTO ReviewerAssignment VALUES ('001', '126', '2018/03/04');**

**INSERT INTO ReviewerAssignment VALUES ('001', '131', '2018/03/05');**

**INSERT INTO ReviewerAssignment VALUES ('002', '123', '2018/03/06');**

**INSERT INTO ReviewerAssignment VALUES ('002', '125', '2018/03/06');**

**INSERT INTO ReviewerAssignment VALUES ('002', '130', '2018/03/06');**

**INSERT INTO ReviewerAssignment VALUES ('003', '127', '2018/03/05');**

**INSERT INTO ReviewerAssignment VALUES ('003', '129', '2018/03/05');**

**INSERT INTO ReviewerAssignment VALUES ('003', '123', '2018/03/05');**

**INSERT INTO ReviewerAssignment VALUES ('003', '124', '2018/03/08');**

**INSERT INTO ReviewerAssignment VALUES ('004', '127', '2018/03/06');**

**INSERT INTO ReviewerAssignment VALUES ('004', '129', '2018/03/06');**

**INSERT INTO ReviewerAssignment VALUES ('004', '131', '2018/03/07');**

**INSERT INTO ReviewerAssignment VALUES ('004', '128', '2018/03/07');**

**INSERT INTO ReviewerAssignment VALUES ('005', '123', '2018/03/08');**

**INSERT INTO ReviewerAssignment VALUES ('005', '129', '2018/03/08');**

**INSERT INTO ReviewerAssignment VALUES ('005', '127', '2018/03/09');**

**INSERT INTO ReviewerAssignment VALUES ('005', '128', '2018/03/09');**

**INSERT INTO ReviewerAssignment VALUES ('005', '125', '2018/03/09');**

**INSERT INTO ReviewerAssignment VALUES ('006', '126', '2018/03/10');**

**INSERT INTO ReviewerAssignment VALUES ('006', '130', '2018/03/10');**

**INSERT INTO ReviewerAssignment VALUES ('006', '131', '2018/03/11');**

**INSERT INTO ReviewerAssignment VALUES ('006', '129', '2018/03/11');**

**INSERT INTO ReviewerAssignment VALUES ('009', '124', '2018/03/10');**

**INSERT INTO ReviewerAssignment VALUES ('009', '130', '2018/03/10');**

**INSERT INTO ReviewerAssignment VALUES ('009', '125', '2018/03/12');**

**INSERT INTO ReviewerAssignment VALUES ('009', '128', '2018/03/12');**

**#Issue**

**INSERT INTO Issue VALUES ('010', 'Summer', '2018', 05, '07', '2018/05/25');**

**INSERT INTO Issue VALUES ('011', 'Autumn', '2018', 03, '10', '2018/09/03');**

**INSERT INTO Issue VALUES ('012', 'Winter', '2018', 10, '15', '2018/12/05');**

**INSERT INTO Issue VALUES ('013', 'Winter', '2019', 07, '16', '2019/01/09');**

**INSERT INTO Issue VALUES ('014', 'Spring', '2019', 12, '18', '2019/03/22');**

**INSERT INTO Issue VALUES ('015', 'Spring', '2019', 02, '20', '2019/04/15');**

**#AreaOfInterest**

**INSERT INTO AreaOfInterest VALUES ('900', 'School Basics');**

**INSERT INTO AreaOfInterest VALUES ('901', 'Medical Information');**

**INSERT INTO AreaOfInterest VALUES ('903', 'Musical Theory');**

**INSERT INTO AreaOfInterest VALUES ('904', 'Mathematics');**

**INSERT INTO AreaOfInterest VALUES ('906', 'Computer Technology');**

**#ReviewerInterest**

**INSERT INTO ReviewerInterest VALUES ('123', '900');**

**INSERT INTO ReviewerInterest VALUES ('124', '901');**

**INSERT INTO ReviewerInterest VALUES ('125', '901');**

**INSERT INTO ReviewerInterest VALUES ('126', '903');**

**INSERT INTO ReviewerInterest VALUES ('127', '904');**

**INSERT INTO ReviewerInterest VALUES ('128', '901');**

**INSERT INTO ReviewerInterest VALUES ('129', '906');**

**INSERT INTO ReviewerInterest VALUES ('130', '901');**

**INSERT INTO ReviewerInterest VALUES ('131', '900');**

**#ManuscriptHistory**

**INSERT INTO ManuscriptHistory VALUES ('001', 'Submitted', '2018/03/01');**

**INSERT INTO ManuscriptHistory VALUES ('001', 'Under Review', '2018/03/04');**

**INSERT INTO ManuscriptHistory VALUES ('001', 'Accepted', '2018/03/15');**

**INSERT INTO ManuscriptHistory VALUES ('001', 'Scheduled', '2018/04/03');**

**INSERT INTO ManuscriptHistory VALUES ('001', 'Published', '2018/05/19');**

**INSERT INTO ManuscriptHistory VALUES ('002', 'Submitted', '2018/03/01');**

**INSERT INTO ManuscriptHistory VALUES ('002', 'Under Review', '2018/03/06');**

**INSERT INTO ManuscriptHistory VALUES ('002', 'Rejected', '2018/03/10');**

**INSERT INTO ManuscriptHistory VALUES ('003', 'Submitted', '2018/03/04');**

**INSERT INTO ManuscriptHistory VALUES ('003', 'Under Review', '2018/03/05');**

**INSERT INTO ManuscriptHistory VALUES ('004', 'Submitted', '2018/03/04');**

**INSERT INTO ManuscriptHistory VALUES ('004', 'Under Review', '2018/03/06');**

**INSERT INTO ManuscriptHistory VALUES ('004', 'Accepted', '2018/03/16');**

**INSERT INTO ManuscriptHistory VALUES ('005', 'Submitted', '2018/03/07');**

**INSERT INTO ManuscriptHistory VALUES ('005', 'Under Review', '2018/03/08');**

**INSERT INTO ManuscriptHistory VALUES ('005', 'Accepted', '2018/03/15');**

**INSERT INTO ManuscriptHistory VALUES ('005', 'Scheduled', '2018/04/15');**

**INSERT INTO ManuscriptHistory VALUES ('005', 'Published', '2018/08/19');**

**INSERT INTO ManuscriptHistory VALUES ('006', 'Submitted', '2018/03/07');**

**INSERT INTO ManuscriptHistory VALUES ('006', 'Under Review', '2018/03/10');**

**INSERT INTO ManuscriptHistory VALUES ('006', 'Accepted', '2018/03/15');**

**INSERT INTO ManuscriptHistory VALUES ('007', 'Submitted', '2018/03/09');**

**INSERT INTO ManuscriptHistory VALUES ('007', 'Returned', '2018/03/10');**

**INSERT INTO ManuscriptHistory VALUES ('008', 'Submitted', '2018/03/09');**

**INSERT INTO ManuscriptHistory VALUES ('008', 'Returned', '2018/03/12');**

**INSERT INTO ManuscriptHistory VALUES ('009', 'Submitted', '2018/03/10');**

**INSERT INTO ManuscriptHistory VALUES ('009', 'Under Review', '2018/03/12');**

**INSERT INTO ManuscriptHistory VALUES ('009', 'Rejected', '2018/03/20');**

**#RejectedManuscript**

**INSERT INTO RejectedManuscript VALUES ('002', '2018/03/10');**

**INSERT INTO RejectedManuscript VALUES ('009', '2018/03/20');**

**#AcceptedManuscript**

**INSERT INTO AcceptedManuscript VALUES ('001', '010', 'Middle' , 35, 11, '2018/03/22');**

**INSERT INTO AcceptedManuscript VALUES ('004', '011', 'Beginning', 05, 12, '2018/03/23');**

**INSERT INTO AcceptedManuscript VALUES ('005', '012', 'End', 53, 10, '2018/03/27');**

**INSERT INTO AcceptedManuscript VALUES ('006', '014', 'Middle', 31, 10, '2018/03/29');**

**#Typeset**

**INSERT INTO Typeset VALUES ('001', '010', 'Arial', 14, 'Double', 'Research');**

**INSERT INTO Typeset VALUES ('004', '011', 'Cursive', 12, 'Single', 'Problem Solving');**

**INSERT INTO Typeset VALUES ('005', '012', 'Cursive', 12, 'Single', 'Research');**

**INSERT INTO Typeset VALUES ('006', '014', 'Calibri', 10, 'Double', 'Teaching');**

**#Feedback**

**INSERT INTO Feedback VALUES ('001', '123', 08, 'Yes', '2018/03/05');**

**INSERT INTO Feedback VALUES ('001', '124', 08, 'Yes', '2018/03/05');**

**INSERT INTO Feedback VALUES ('001', '126', 07, 'Yes', '2018/03/08');**

**INSERT INTO Feedback VALUES ('001', '131', 08, 'Yes', '2018/03/13');**

**INSERT INTO Feedback VALUES ('002', '123', 03, 'No', '2018/03/08');**

**INSERT INTO Feedback VALUES ('002', '125', 04, 'No', '2018/03/09');**

**INSERT INTO Feedback VALUES ('002', '130', 06, 'Yes', '2018/03/11');**

**INSERT INTO Feedback VALUES ('003', '127', 07, 'Yes', '2018/03/08');**

**INSERT INTO Feedback VALUES ('003', '129', 05, 'No', '2018/03/09');**

**INSERT INTO Feedback VALUES ('003', '123', 08, 'Yes', '2018/03/10');**

**INSERT INTO Feedback VALUES ('003', '124', 07, 'Yes', '2018/03/11');**

**INSERT INTO Feedback VALUES ('004', '127', 10, 'Yes', '2018/03/09');**

**INSERT INTO Feedback VALUES ('004', '129', 08, 'Yes', '2018/03/10');**

**INSERT INTO Feedback VALUES ('004', '131', 09, 'Yes', '2018/03/10');**

**INSERT INTO Feedback VALUES ('004', '128', 09, 'Yes', '2018/03/12');**

**INSERT INTO Feedback VALUES ('005', '123', 08, 'Yes', '2018/03/10');**

**INSERT INTO Feedback VALUES ('005', '129', 09, 'Yes', '2018/03/12');**

**INSERT INTO Feedback VALUES ('005', '127', 08, 'Yes', '2018/03/12');**

**INSERT INTO Feedback VALUES ('005', '128', 08, 'Yes', '2018/03/14');**

**INSERT INTO Feedback VALUES ('005', '125', 07, 'Yes', '2018/03/15');**

**INSERT INTO Feedback VALUES ('006', '126', 07, 'Yes', '2018/03/13');**

**INSERT INTO Feedback VALUES ('006', '130', 06, 'No', '2018/03/15');**

**INSERT INTO Feedback VALUES ('006', '131', 08, 'Yes', '2018/03/15');**

**INSERT INTO Feedback VALUES ('006', '129', 08, 'Yes', '2018/03/17');**

**INSERT INTO Feedback VALUES ('009', '124', 04, 'No', '2018/03/16');**

**INSERT INTO Feedback VALUES ('009', '130', 05, 'Yes', '2018/03/16');**

**INSERT INTO Feedback VALUES ('009','125', 03, 'No', '2018/03/17');**

**INSERT INTO Feedback VALUES ('009','128', 04, 'No', '2018/03/20');**

1. **DATABASE QUIERES AND OUTPUT**

**#Find the number of accepted manuscripts**

**SELECT COUNT(\*) AS Accepted**

**FROM ManuscriptHistory**

**WHERE ManuscriptHistStatus = 'Accepted';**

**#Find the name of Author 112**

**SELECT Author\_Name**

**FROM Author**

**WHERE Author\_ID = '112';**

**#List the details of all reviewers**

**SELECT \***

**FROM Reviewer, AreaOfInterest, ReviewerInterest**

**WHERE AreaOfInterest.Interest\_ID = ReviewerInterest.Interest\_ID**

**AND Reviewer.Reviewer\_ID = ReviewerInterest.Reviewer\_ID;**

**#List the number of reviewers interested in Medical Information**

**SELECT Reviewer\_Name**

**FROM Reviewer, ReviewerInterest, AreaOfInterest**

**WHERE AreaOfInterest.Interest\_ID = ReviewerInterest.Interest\_ID**

**AND Reviewer.Reviewer\_ID = ReviewerInterest.Reviewer\_ID**

**AND description = 'Medical Information';**

**#Find the information of rejected manuscripts**

**SELECT RejectedManuscript.Manuscript\_ID, RejectedDate, Title**

**FROM RejectedManuscript, Manuscript, Being\_Reviewed**

**WHERE Manuscript.Manuscript\_ID = Being\_Reviewed.Manuscript\_ID**

**AND Being\_Reviewed.Manuscript\_ID= RejectedManuscript.Manuscript\_ID;**

**#List the Authors with Manuscript Type Communication OR Original Research**

**SELECT DISTINCT Author.Author\_Name, Author.Author\_ID, Manuscript.Manuscript\_Type**

**FROM Author, Manuscript, Submission**

**WHERE Author.Author\_ID = Submission.Author\_ID**

**AND Submission.Manuscript\_ID = Manuscript.Manuscript\_ID**

**AND (Manuscript\_Type = 'Communication'**

**OR Manuscript\_Type = 'Original Research');**

**#Find the Manuscript Numbers that have font size greater than 10**

**SELECT Typeset.Manuscript\_ID, Typeset.Font\_Size**

**FROM Typeset, AcceptedManuscript**

**WHERE Typeset.Manuscript\_ID = AcceptedManuscript.Manuscript\_ID**

**AND Typeset.Font\_Size > 10**

**ORDER BY Font\_Size ASC;**

**#Print the feedback that have a rating above the average rating**

**SELECT \***

**FROM Feedback**

**WHERE Rating > (SELECT AVG(Rating) FROM Feedback);**

**#List Issues that are dated to release in 2019**

**SELECT Issue.Issue\_ID, Issue.printDate**

**FROM Issue**

**WHERE Issue.publicationYear = '2019';**

**#Add a new reviewer**

**INSERT INTO Reviewer (Reviewer\_ID, Reviewer\_Name, Reviewer\_Affiliation, Reviewer\_Email)**

**VALUES ('132', 'Jerry Smith', 'High School', 'JSmith@yahoo.com');**

**#Add a new author**

**INSERT INTO Author (Author\_ID, Author\_Name, Mail\_Address, Author\_Email, Author\_Affiliation)**

**VALUES ('116', 'Phoenix Wright', '234 Law Drive', 'PWright@gmail.com', 'Law Office');**

**#Change the Title of Manuscript 004 to Calculus**

**UPDATE Manuscript**

**SET Title = 'Calculus'**

**WHERE Manuscript\_ID = '004';**

**#Delete all Authors affilated with High School**

**DELETE FROM Author**

**WHERE Affiliation = 'High School';**

**1)**

|  |
| --- |
| Accepted |
| 4 |

**2)**

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| Jennifer Pret | | | | | | |
| Emma Poppie | | | | | | |
| Taylor Font | | | | | | |
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| 009 | | | | | | 2018-03-20 | | | | | | Chemistry | | |
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| Author\_Name | | | | | | Author\_ID | | | | | | Manuscript\_Type | | |
| Alice Light | | | | | | 112 | | | | | | Original Research | | |
| Robert Lander | | | | | | 113 | | | | | | Original Research | | |
| Forest Law | | | | | | 114 | | | | | | Original Research | | |
| Jessica Quest | | | | | | 115 | | | | | | Original Research | | |
| John Mayer | | | | | | 111 | | | | | | Communication | | |
| Forest Law | | | | | | 114 | | | | | | Communication | | |
| Jessica Quest | | | | | | 115 | | | | | | Communication | | |
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| 001 | | | | | 126 | | | | | | 7 | | Yes | | | 2018-03-08 | | |
| 001 | | | | | 131 | | | | | | 8 | | Yes | | | 2018-03-13 | | |
| 003 | | | | | 123 | | | | | | 8 | | Yes | | | 2018-03-10 | | |
| 003 | | | | | 124 | | | | | | 7 | | Yes | | | 2018-03-11 | | |
| 003 | | | | | 127 | | | | | | 7 | | Yes | | | 2018-03-08 | | |
| 004 | | | | | 127 | | | | | | 10 | | Yes | | | 2018-03-09 | | |
| 004 | | | | | 128 | | | | | | 9 | | Yes | | | 2018-03-12 | | |
| 004 | | | | | 129 | | | | | | 8 | | Yes | | | 2018-03-10 | | |
| 004 | | | | | 131 | | | | | | 9 | | Yes | | | 2018-03-10 | | |
| 005 | | | | | 123 | | | | | | 8 | | Yes | | | 2018-03-10 | | |
| 005 | | | | | 125 | | | | | | 7 | | Yes | | | 2018-03-15 | | |
| 005 | | | | | 127 | | | | | | 8 | | Yes | | | 2018-03-12 | | |
| 005 | | | | | 128 | | | | | | 8 | | Yes | | | 2018-03-14 | | |
| 005 | | | | | 129 | | | | | | 9 | | Yes | | | 2018-03-12 | | |
| 006 | | | | | 126 | | | | | | 7 | | Yes | | | 2018-03-13 | | |
| 006 | | | | | 129 | | | | | | 8 | | Yes | | | 2018-03-17 | | |
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