

Manuscript:

```
{
    manuscript_number: INT,
    title: VARCHAR(45),
    date_received: DATETIME,
    status: VARCHAR(45),
    page_count: INT,
    date_received: DATETIME,
    date_accepted: DATETIME,
    RICode_RICode: INT,
    Editor_editor_id: INT,
    Issue_issue_id: INT,
    PRIMARY KEY (manuscript_number) (NOT NULL),
    FOREIGN KEY (
        RICode_RICode,
        Editor_editor_id,
        Issue_issue_id)
    REFERENCES
        RICodes(code),
        Editors(editor_id),
        Issues(issue_id)
}
```

Issue:

```
{
    issue_id: INT,
    year: INT,
    period: INT,
    publication_date: DATETIME,
    PRIMARY KEY (issue_id) (NOT NULL),
    FOREIGN KEY (journal_id) REFERENCES Journal(journal_id)
}
```

Manuscript_author:

```
{
    Manuscript_manuscript_number: INT,
    Author_author_id: INT,
    Author_ordinal: INT (Keep track of the order of the authors),
    PRIMARY KEY & FOREIGN KEY (Manuscript_manuscript_number, Author_author_id) (NOT NULL),
}
```

RICodes:

```
{
    code: INT,
    interest: VARCHAR(45),
    PRIMARY KEY (RICode) (NOT NULL),
}
```

Affiliation:

```
{
    affiliation_id: INT,
    name: VARCHAR(45),
    PRIMARY KEY (affiliation_id) (NOT NULL),
}
```

Author:

```
{
    author_id: INT,
```

```

    Affiliation_affiliation_id: INT,
    email: VARCHAR(45),
    f_name: VARCHAR(45),
    l_name: VARCHAR(45),
    PRIMARY KEY (author_id) (NOT NULL),
    FOREIGN KEY (Affiliation_affiliation_id) REFERENCES Affiliation(affiliation_id)
(NOT NULL),
}

```

Journal_has_RICodes:

```

{
    Journal_journal_id: INT,
    RICode_RICode: VARCHAR(45),
    PRIMARY KEY & FOREIGN KEY (Journal_journal_id, RICode_RICode) (NOT NULL),
}

```

Journal:

```

{
    journal_id: INT,
    PRIMARY KEY (journal_id) (NOT NULL),
    FOREIGN KEY (RICode_RICode) REFERENCES RICodes(RICode) (NOT NULL),
}

```

Editor:

```

{
    editor_id: INT,
    l_name: VARCHAR(45),
    f_name: VARCHAR(45),
    Journal_journal_id: INT,
    PRIMARY KEY (editor_id) (NOT NULL),
    FOREIGN KEY (Journal_journal_id) REFERENCES Journal(journal_id) (NOT NULL),
}

```

Reviewer:

```

{
    reviewer_id: INT,
    email: VARCHAR(45),
    f_name: VARCHAR(45),
    l_name: VARCHAR(45),
    Affiliation_affiliation_id: INT,
    PRIMARY KEY (reviewer_id) (NOT NULL),
    FOREIGN KEY (Affiliation_affiliation_id) REFERENCES Affiliation(affiliation_id)
(NOT NULL),
}

```

Reviewer_has_Manuscript:

```

{
    Reviewer_reviewer_id: INT,
    Manuscript_manuscript_number: INT,
    date_sent: DATETIME,
    Appropriateness INT,
    Clarity INT,
    Methodology INT,
    Experimental INT,
    Recommendation INT,
    feedback_date: DATETIME,
    PRIMARY KEY & FOREIGN KEY (Reviewer_reviewer_id, Manuscript_manuscript_number)
(NOT NULL),
}

```