

Kaitaia Publishing Collective

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

CSC 3710 Systems Analysis & Design

Fitchburg State University

Use Case 1 - Konan Kouame

Use Case 2- Benjamin Jackson

Use Case 3 - Christopher Luzzi

Use case 4 - Haris Khan

Use Case 5 - Ryan Horwitz

DFD - Group work

## Use Case 1: Konan Kouame

<b>Use Case Name:</b> Make/edit contract	<b>ID:</b> 1	<b>Priority:</b> High
<b>Primary Actor:</b> Author		
<b>Short Description:</b> This process will allow new or existing authors to make or accept new contracts for the publishing company.		
<b>Trigger:</b> Send a request to the administrator for approval		
<b>Type:</b> External		
<b>Major Inputs</b>	<b>Major Outputs</b>	
Descriptions:	Source:	Description: Destination:
Author Name	Author	Author info Author Account
Author ID	Author	
Administrator	Administrator ID	
<b>Major Steps Performed</b>	<b>Information for Steps</b>	
Make/Edit contract	Author name	
Access denied/ email the administrator	Date of birth	
Authorization granted by the administrator, allowed to make or edit contract	Address	
	Phone number	
	Administrator	
	Author status	

## Use Case 2: Benjamin

<b>Use Case Name:</b> Submitting Manuscript	<b>ID:</b> UC-2	<b>Priority:</b> High
---	--------------------	-----------------------

**Actor:** Collective Employee

**Description:** Employee logs the author's submission & details into database for record keeping

**Trigger:** Author submits their work to Kaitaia Publishing Collective

**Type:**

---

**Preconditions:**

1. Author submits work and contact information.
2. Collective employee accesses database registry.
3. Database is online.

**Normal Course:**

1. Employee starts a registry form
2. System provides form to enter author information
3. Employee submits author contact information
4. System assigns author an ID
5. System saves contact information for future reference
6. System provides form for author manuscript submission
  - A. Employee selects "Digital manuscript submission" option
    - Employee uploads submission file to registry form
  - B Employee selects "Physical manuscript submission" option
7. Employee fills out form
8. System assigns the manuscript submission an ID
9. System saves manuscript submission details for future reference
10. Author is emailed with proof of their manuscript being entered into Collective's database

**Postconditions:**

1. Author's manuscript submission is saved to database
2. Author is emailed with proof of their work being entered into Collective's database

Summary Inputs	Source
Author contact information	Employee
Author manuscript submission	Employee

Submission ID	Employee
<b>Summary Outputs</b>	<b>Destination</b>
Registry Form	Database
Submission approval	Database
Email	Author

Chris Luzzi

<b>Use Case Name:</b> Manuscript Inventory Check	<b>ID:</b> 3 <b>Priority:</b> High
<b>Primary Actor:</b> Author	
<b>Short Description:</b> This is to get how much stock we have of a specific manuscript from an author after we have proofread it and published it.	
Trigger: Proofread and publishment completed Type: External	
<b>Major Inputs</b>  Descriptions:                      Source:  Author Name                      Author  Manuscript Title                      Author	<b>Major Outputs</b>  Description:                      Destination:  Manuscript Stock                      Manuscript file Manuscript Title                      Manuscript file
<b>Major Steps Performed</b>  Search authors name  Search title title of manuscript  Check current stock for authors	<b>Information for Steps</b>  Authors name  Manuscript information Number in stock

Haris Khan

<b>Use Case Name:</b> Deletion of submissions	<b>ID:</b> 4 <b>Priority:</b> Low to moderate												
<b>Primary Actor:</b> Author													
<b>Short Description:</b> This will allow users to delete submissions they may have accidentally created or no longer need.													
<b>Trigger:</b> Author submits work, needs administrators approval to remove submission. <b>Type:</b> External													
<b>Major Inputs</b>  <table border="0"> <tr> <td>Description</td><td>Source</td></tr> <tr> <td>Author ID</td><td>Author</td></tr> <tr> <td>Administrator ID</td><td>Administrator</td></tr> </table>	Description	Source	Author ID	Author	Administrator ID	Administrator	<b>Major Outputs</b>  <table border="0"> <tr> <td>Description:</td><td>Destination</td></tr> <tr> <td>Author Info</td><td>Author Account</td></tr> <tr> <td>Confirmation of contract deletion</td><td>Submitted contract</td></tr> </table>	Description:	Destination	Author Info	Author Account	Confirmation of contract deletion	Submitted contract
Description	Source												
Author ID	Author												
Administrator ID	Administrator												
Description:	Destination												
Author Info	Author Account												
Confirmation of contract deletion	Submitted contract												
<b>Major Steps Performed:</b> <ol style="list-style-type: none"> <li>1. Author name search</li> <li>2. Search for submitted contract ID</li> <li>3. Request removal of contract</li> </ol>	<b>Information for Steps:</b> <ol style="list-style-type: none"> <li>1. Author information required</li> <li>2. Contract details needed.</li> <li>3. Administrator needs to accept removal request from author after</li> </ol>												

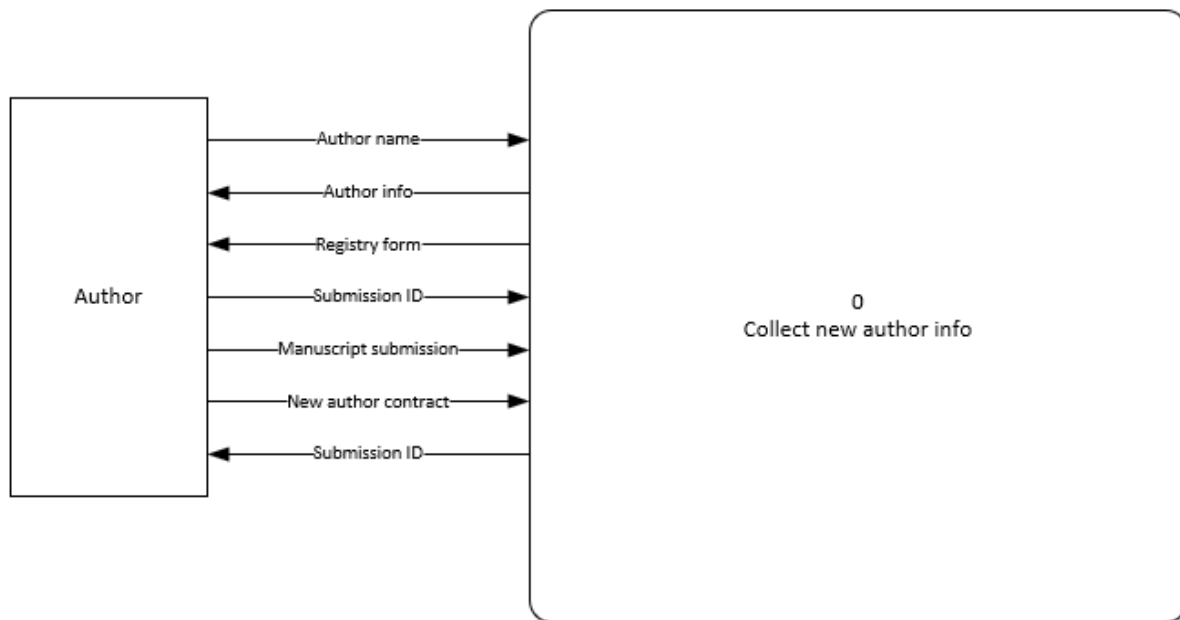
Ryan Horwitz

<b>Use Case Name:</b> Proofreading the manuscript		<b>ID:</b> 5 <b>Priority:</b> High	
<b>Primary Actor:</b> Author			
<b>Short Description:</b> This will allow the publishing company to proofread any manuscript before publishing.			
<b>Trigger:</b> Received manuscript for proofreading			
<b>Type:</b> External			
Major Inputs:		Major Outputs:	
Descriptions:	Source:	Description:	Destination:
Manuscript title	Author	Manuscript body	Manuscript file
Employee ID	Database	Manuscript title	Manuscript file
<b>Major Steps Performed:</b>		<b>Information for Steps:</b>	
Receive manuscript		Manuscript added	
Proofread manuscript		Fix any errors of manuscript	
Employee ID		Employee ID for who proofread manuscript	

## Context DFD

Comment:

1. in your use cases, you have at least two actors: "Author" and "Collective Employee". However, in your context diagram, you only have "Author".

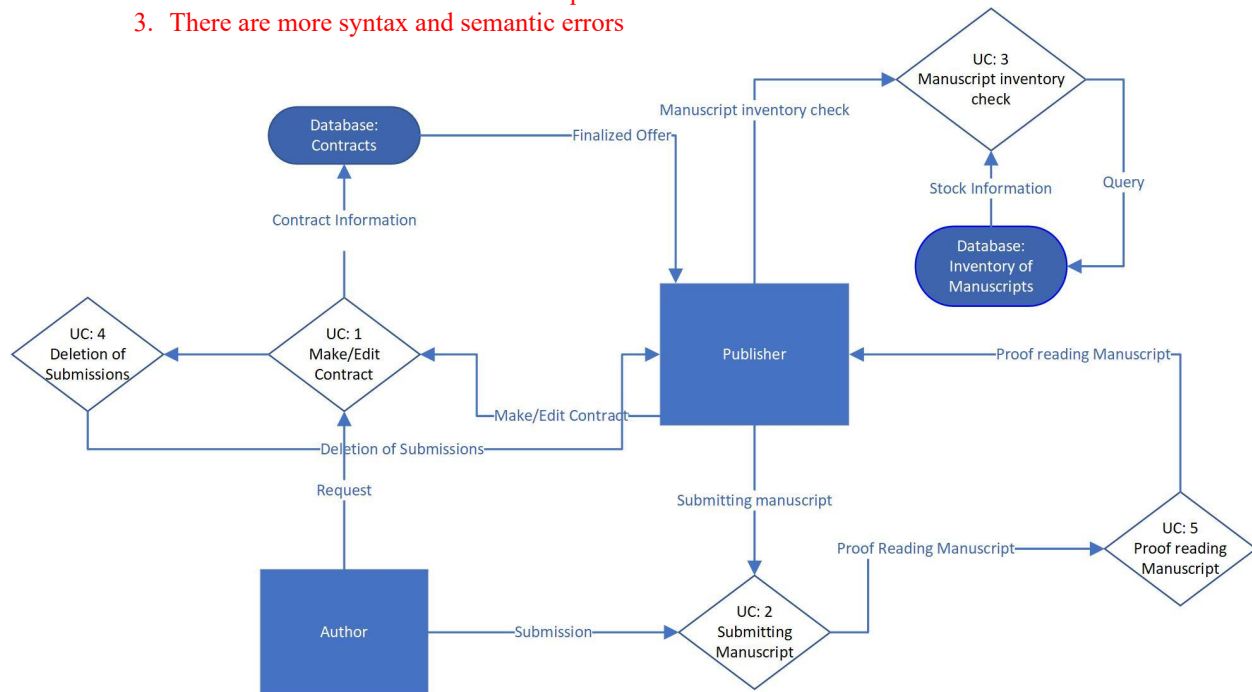




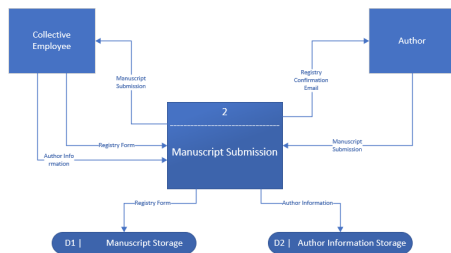
Comment: This level 0 DFD doesn't use standard symbols for each of the components. There are many syntax and semantic errors. For example:

## DFD

1. There is no data store for submitted manuscripts
2. For process "Make/Edit Contract", it should be "KPC General Manager" who creates and negotiates contracts. It should not be "Author" who sends request to make/edit contract.
3. There are more syntax and semantic errors



## Use Case 2 - Level 1 DFD



## Comment:

1. Each use case (including Use Case 2) should be correspond to a level 0 DFD fragment not to level 1 DFD.
2. Also, each level 1 diagram should be corresponding to a process in level 0. The number for each level 1 process should be like 2.1, 2.2, and 2.3 if it is the level 1 DFD corresponding to process 2 in level 0 DFD.

Same comments as the ones for Use Case 2.

#### Use Case 4 - Level 1 DFD

