

# CooperWrite

Jeff Morrow

@jwmorrow1s on GitHub

# Description

- Web application to collaboratively work on writing prompts between three or more participants.
- Starts with the first participant and will cycle through and send a message to the next person when it is their turn.
- Appends everyone's contributions together into a single story.



# Features

- Simple form on the website to submit contribution.
- Also able to submit contribution form via SMS using Twilio API
- Able to comment on contributions or stories.
- Will support User Profiles that show all their contributions.



# Planning - User Stories

- Motivated from working with my wife's publishing company and hearing aspiring authors talk about wanting tools to help them creatively.
- Useful for writers that are wanting to practice their craft with other writers or simply for people that think it's fun to participate in things like writing prompts.



# Planning - Database

- Primary databases are going to be Authors, Contributions, and Stories.
- Contributions will have an `author_id` foreign key. As well as a `story_id` foreign key. Stories will have a `contribution_id` foreign key.
- Submitted contributions will be appended into a story sequentially, as in, the second contributor will be unable to input his entry to the story until the first person has already submitted, and so on.



# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySql
- Twilio for the SMS form entry.



## New Story

Title:

Authors:

Search 

User1, User2, User3

Beginning:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris eget turpis non risus gravida tincidunt ut quis urna. Integer ultricies ante quis ornare vehicula. Nam sed nunc sed nisi fringilla malesuada nec eget enim. Mauris sed porta purus. Nulla eu sagittis enim. Vivamus molestie suscipit nunc id porta. Maecenas feugiat elementum egestas. Nulla sit amet lacus scelerisque, scelerisque velit vel, dapibus nibh. Cras eu risus vitae tellus lobortis tristique ut eget ligula. Praesent volutpat purus sem, in feugiat leo imperdiet vel. Nunc egestas enim at venenatis fermentum. Duis mollis sed sapien et pulvinar. Mauris ornare bibendum orci in venenatis.

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# What I Learned

- Spring Boot
- Using Twilio for forms from SMS
- Figuring out how to gracefully handle deletion of user profiles without deleting their contributions to stories.





# What's Next

- Considering a feature for collaborative roleplay(think D&D) or maybe scriptwriting or playwriting.
- A native app for Android/IOS
- Learning Swift/ Java for Android development or learning React Native

