Composite Document
Vision

Version 1.0

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Revision History

Date	Version	Description	Author
20/MAR/2019	1.0	Initial Project Statement	Vlad-Cristian Brinzas

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Vision

1. Introduction

Many people have at least once in their lives thought of an idea or scenario only to conclude that "it would have made for a great book" and abandon the idea. Currently, the task of composing a novel is made difficult by the size of this task, leading to many promising concepts being wasted. A system allowing such people to cooperate in writing a text, with each person writing small paragraphs at their own desire, would help alleviate this issue. The current document describes the solution we propose for this, what will be implemented, a clarification of all ambiguous terms and an argumentation about why a such system would be effective.

1.1 Purpose

The purpose of the Composite Document is to provide a platform where internet users can contribute paragraphs of text to assemble a larger story. Our aim is to ease the process of composing these fragments into a whole, and consequently to help people act out on their ideas. The first step is to set up a system allowing paragraphs to be combined with one another to obtain stories. The second step is to keep a database of these paragraphs and provide a system for users to add and edit them, so that they can be accessed via the internet. The final step is to devise an algorithm that allows easy reading of a story, allowing the reader to follow along the multiple "branches" that have been composed by other users.

1.2 Scope

The following features will be covered by the Composite Document:

- User Authentication (Create Account + Login)

- View all stories

- Read a specific story

- Paragraph creation (the user provides the paragraph itself, together with which other paragraphs the new one is connected to, if needed)

- See own paragraphs / stories

- Edit a paragraph written by oneself

- View a user's profile

- Edit own profile

- Vote on a paragraph / story

- Moderators can hide paragraphs / stories (if they deem them not to be in compliance with the service's rules)

- Moderators can suspend users (if the user has breached the rules of the service)

- Users can opt to be notified for various events (when their paragraphs are used in a story or voted on, when a moderator acts upon their content)

The following services are out of the scope of this project and will be provided by other systems:

- Integration of advertisements and other such sources of revenue into the page

- Payments of any kind, for example for the usage of the service

1.3   Definitions, Acronyms, and Abbreviations

Throughout this and all related papers the following terms will be defined and understood by the reader as follows:

Term	Definition
Paragraph	A fragment of text ranging between a few sentences to a few thousands of characters submitted by a user. A paragraph usually represents a chapter or sub-chapter of a story and can connect to other paragraphs.
Story	A collection of interconnected paragraphs (potentially submitted by different users) that join together to create a literary text.
User profile	A collection of data such as a username, short description and a short list of genres of interest meant to present the user to others.
Moderator	A special user that, in addition to the normal permissions of a user, can evaluate the content and behaviour of other users and, if necessary, restrict them.

1.4   References

For further clarifications see the following resources:

- Project_UseCaseModel_CreateParagraph
- Project_UseCaseModel_SuspendUser
- Project_SupplementarySpecification
- Project_Analysis_and_Design_Document

1.5   Overview

The upcoming sections of the document will describe the product positioning in the market, relative to other online text-sharing platforms. We will then continue by describing the involved stakeholders, the end users, the end user environment and the product hardware and software requirements.

2.   Positioning

2.1   Problem Statement

The problem of	Collecting ideas into larger stories
affects	Internet users with a creative nature
the impact of which is	Many ideas being wasted, leading to a lesser amount of innovative literature
a successful solution would be	To create an online platform that allows small-sized text contributions

2.2   Product Position Statement

For	The internet users
Who	need a place to output their ideas

The Composite Document	is a web application
That	Accepts and combines text contributions into stories
Unlike	The cumbersome offline systems such as publishing companies
Our product	- Allows repeated small contributions - Provides accessible feedback during the writing of a text - Allows easy "branching" of stories - Reduces costs for the users to get their ideas seen

3.   Stakeholder and User Descriptions

3.1   Stakeholder Summary

Name	Description	Responsibilities
Website Owner	The person owning the domain on which the application will be presented	Approves funding Arranges for other features such as revenue-generating systems to be installed on the site
System Administrator	The person in charge with maintaining the system after implementation.	Ensures system integrates with other systems from the website. Ensures system is maintainable. Provides valid data to the system database
Implementation Team	The team developing the project.	Provide a clean implementation with minimum effort.

3.2   User Summary

Name	Description	Responsibilities	Stakeholder
Anonymous user	A user that does not authenticate in the system and can only view.	Reads stories Views user profiles	He is a direct user
Normal user	An authenticated user that reads and submits story paragraphs	Reads stories Submits stories and paragraphs Views user profiles Edits own user profile	He is a direct user
Moderator	The person in charge of upholding the usage terms of the service	Reads stories Views user profiles Hides inappropriate stories and paragraphs Suspends unlawful users	He is a direct user

3.3 User Environment
Normal user

The citizen is considered to submit texts from his personal computer at home, in a non-stressful and calm environment.

Moderator

The city clerk is considered to work from either his personal computer at home or from a small office provided by the website holder. He may need to handle a large amount of work and could be stressed. For this reason, the system must provide him a workflow with minimal obstructions.

4. Product Requirements

For either user, the product requires first of all a stable internet connection, a computer with at least 8 GB RAM, Dual Core processor, one monitor, mouse and keyboard. For the moderator, the product must show confirmation dialogs for important actions such as suspending a user.

The product must integrate with the possible future systems to be added, such as advertisements or subscriptions.