**Capstone Project Document**

**Online Storytelling Generator System**

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**A. Introduction**

**1. Project Information**

**2. Introduction**

The world has evolved from sign language to the written language with the pupose to store, pass-on knowledge and inspire the next generation. The traditional way of telling story was one-way from the author to the reader, what if we can enable author to generate altenative ending, a story-line that can be spread to multiple direction instead of one direction?

We introduce a platform that enable author to generate interactive story, with audio, visual effect, and multiple storyline. Imagine, as an author, you can build a thrilling adventure, where your characters can have alternative actions of their owns and different storyline can evolve; and as a reader, you’re in an adventure where the character’s next destination is your choice. Your story will never be left untold.

This document will also detail our work process in the last 4 months including our perspective on the system, component designs, and detailed core workflow.

**3. Current Situation**

There are many tools in the market that enable author to generate their stories but those tools can’t meet up their expectation and can’t express all the authors’ idea. With traditional stories telling, it seems not to be able to attract readers anymore, our platform support the tool for generating a story with interaction, audio, video effect, multi storyline and the power to publish it. The written stories can be used for many kind of aspects such as marketing, education, game, entertainment. With our Platform, authors can share and create their story beyond their idea. Reader can escape from ordinary and boring story and come to many interesting and joyful stories that can follow reader actions .

**4. Problem Definition**

**5. Proposed Solution**

**5.1. Feature functions**

**5.2. Benefits and Trade-offs**

**6. Functional Requirements**

Function requirements of the system are listed as below:

- **Authentication and Authorization:**

**+** Authenticate and authorize users to use configuration and management functions**.**

**- Admin:**

+ Manage users

**+** Manage users’ stories

- **Data Collector:**

+ Collect data from users by giving them the questionnaires.

+ Clean and format data after collecting from the questionnaires.

- **Data Analytic:**

**+** Automatically analyze collected data by applying recommendation algorithms

- **Users:**

**+** Search stories to read

+ Get story suggestions based on their questionnaires.

+ Get story trends

+ Interact with the story while reading (select options, input information)

+ Manage their own stories (create, publish, delete, deactivate, update)

**7. Role and Responsibility**