**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**

Below are the disadvantages of the current situation:

* Lack of meaningful contents: Internet is filled by boring contents and many of these wasted our time.
* No interaction between visitor and story: Visitor usually read stories composed by an author from start to end without interactions or deflect the story line. It makes the story became normally and boring.
* Low-educational contents: Children isn’t touch much by these online stories.
* Need of high quality marketing content: People are bother and even uncomfortable by dozens of advertisements per day in a website.

**5. Proposed Solution**

Our solution is web and mobile application named “Story Art”. It assists composer to post their story, advertisement or even game in a convenient and reliable place to make visitor relaxed and marketing their products.

**5.1. Feature functions**

* Provide tools to generate/create story.
* Search/suggest stories.
* View/interact stories.
* Manage stories.
* Rate stories.

**5.2. Advantages and disadvantages**

The advantages and disadvantages of the proposed solution:

* **Advantages:**
* Easy to create/generate stories.
* Easy to search stories by category
* Recommend stories by user’s hobby.
* Brings out a whole new way of reading stories.
* **Disadvantages:**
* Do not manage the content for support, advertising or other activities out our website in users’ stories such as: calling for support, donations, links, ...
* Do not check the content of users’ stories before publishing. The content will be check after system received users’ reports.

**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**