Develop two-dimensional animation media for studying entertainment to preserve traditions Samut Prakan Province

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Abstract

The objective of this research is to study the origins of local traditions, the Yon Bua tradition, Samut Prakan Province to create animated cartoon media for use in public relations of Samut Prakan Province to measure the satisfaction of the animated cartoon visitors developed. The results of the

research found that making cartoon animation lotus throwing tradition Samut Prakan Province It is a cartoon about 11.23 minutes long. It is a 2D cartoon with content about the tradition of throwing lotus. Samut Prakan Province Viewers can watch cartoons through online media. Without being able to become a member the satisfaction assessment result from the sample group who visited the cartoon animation on the website of 400 people had a total mean of 3.63 and a standard deviation of 0.31.

Keywords: 2D, Animation, Media

1. Introduction

In today's world, the media that plays the most role is the media of the Internet. Internet media is therefore an important medium for communicating information widely. Nowadays, the internet has a very fast data transmission. And can cover almost all areas, causing most people to turn to the Internet a lot. In order to convey meanings quickly and comprehensively to reach the majority of people of all ages quickly and comprehensively. Internet is the media that plays the most role.

The organizers have studied entertainment education. (Edutainment) with the objective of enabling learners to learn through play. Or entertainment in terms of Thai identity with the advancement of computer technology, we are able to develop the material prosperity of modernism while preserving Thainess, culture, and traditions by linking these two things together. For the advancement of the country that is still unique "Thainess", local traditions, is what indicates the uniqueness of the local people. It's a beautiful thing that's worth it. Conservation.

The world will advance in science. But science alone does not include the possibility of life in high civilization and culture. We must

have religion, we must have arts, culture, traditions, and we must have literature. These things will bring goodness. Bring entertainment to the mind, allowing us to think beautiful, see beauty, behave, be beautiful, be the owner of the house, be intimate in the arts, culture, traditions and literature. This is the land of enjoyment. Causing the hardness to melt away, becoming a gentle, meek, full of goodness (Ministry of Education, 2009, p. 1-11).

Rab Bua tradition Occurred because of the kindness between the local people and the Mon Pak Lat people. (City of Pak Lat, currently Phra Pradaeng), which is farming in Bang Kaeo Subdistrict (currently Bang Phli District). The local Thai people will help collect lotus flowers for Mon people to offer to monks in the following year. And the people of Phra Pradaeng district all paddled together to collect lotus

flowers at Bang Phli District and also took the opportunity to worship Luang Pho To. But the distance between Phra Pradaeng District and Bang Phli District is very far apart. So each ship sings and dances along the way.

Another reason is that the area in the neighborhood of Bang Phli District There are lotus flowers all over the canal. During the Buddhist Lent festival, foreign villagers often sail boats to collect lotus flowers at Bang Phli District. To offer to monks on a regular basis, Bang Phli people therefore facilitate foreigners by keeping flowers waiting to be given free of charge. only hope to make merit together, usually hand to hand But if they are familiar with each other, they will throw them to each other. from the kindness of the people of Bang Phli that day It has become a tradition called "Rab Bua" until today. In the early morning of the 14th waxing moon of the 11th lunar month, it is a tradition of receiving lotuses for

people standing on both sides of the canal. They threw lotus flowers into a replica of Luang Por To's parade boat. At the same time, Bang Phli people will also throw lotuses to foreigners who paddle boats to visit the area where there is work as well.

2. Research Objectives

1. To study the origins of local traditions, the Yon Bua tradition, Samut Prakan Province.

2. To create animated cartoon media for use in public relations of Samut Prakan Province

3. To measure the satisfaction of the visitors in the animated cartoons developed on the website.

3. Research Method

Population is the population of 1,356,442 people residing in Samut Prakan Province. The sample group is 400 visitors to the website animation by random sampling. The statistics used were percentage, frequency, mean, and standard deviation.

PHP (PHP) is a server-side scripting computer language that is licensed as open source. PHP language is used to create websites. and output in HTML format, based on the command structure from C language, Java language and Pearl language, which PHP language is easy to learn. Which the main goal of this language is to allow web developers to write responsive web pages (Kitti Phakdiwatthanakul, 1998, p. 36-49).

Choompon Janchalong. (2018, p. 93-103). the development of 2D animation cartoons about the conservation of the forest through a computer network. The results showed that the results of the quality assessment of 2D animated cartoon titled "Conserving the Forest through a Computer Network" assessed by experts the overall quality in all 3 areas had a total average of 4.62. Which the quality

level is at a very good level the results of the satisfaction assessment of the sample group towards the 2D animated cartoon titled Love Forest through a computer network. Assessed by the sample group in all 3 aspects with a total mean of 4.59, the quality level is very good.

Duangporn Maiprasert and Alongkorn Muangmai (2020, p. 99-109) the development of 2D animation on acute myocardial infarction. The results of the research were as follows: 1) the results of the development of 2D animation on acute myocardial infarction. Contains the functions of the heart Definition of acute myocardial infarction, causes of disease, factors and pathogenesis, symptoms of disease, and resuscitation. Treatment guidelines and disease prevention Length of 2D animation on acute myocardial infarction took 11.19 minutes. Using computer animation principles in the design of the program. 2D

computers and experts' opinions on 2D animations overall were at the highest level, and 2) the satisfaction assessment of 2D animation on acute myocardial infarction found that The results of the satisfaction assessment received positive feedback The overall opinion is at a very good level. With an average of 4.54

Phakhawan Pes-un, Maneerat Thirawiwat, and Nirat Imami. (2017, p. 315-324) Animation Media Development. On the prevention of complications of the inguinal artery in patients receiving cardiac catheterization the results of the study showed that after watching animation media the sample group had a mean score of perceived risk likelihood. Perceived severity of complications expectation of the outcome of the practice and the efficacy of the poor to act to prevent atherosclerosis complications. After cardiac catheterization Better before

watching animated media. Significantly (P< 0.001) showed that Effective animation can give patients a better perception and result in correct behavior. To prevent complications of the coronary arteries groin area.

4. System Analysis

Synopsis: "Developing two-dimensional animation media. For studying entertainment to preserve traditions Samut Prakan Province" at a school in Samut Prakan Province during the afternoon class the teacher teaches about local traditions in Samut Prakan Province. All students study hard, but there is Master Mu, the leader of the class. Sleeping alone in the back of his regular room Ajarn began to hear the snoring that D.C. Moo had snored up (began getting louder and louder). Ajarn threw a pen written on the board at D.C. Moo. So that the students have begun to wake up then the teacher punished the

student. By giving Dr. Moo Go to the background and history important traditions in Samut Prakan Province to deliver tomorrow until the school bell rang until the end of class until the evening. What are some important traditions in Samut Prakan Province where we live? The father, who was working at that time, stopped his hand and took his son to sit under a big tree. Then slowly told his son that an important tradition in Samut Prakan Province was the lotus throwing tradition of Wat Bang Phli Yai Nai. The existence that a long time ago, a Buddha image floated in the water, the villagers saw it and helped to perform a summoning ceremony and enshrined in the temple. which is now the main Buddha image of Wat Bang Phli Yai Nai in Bang Phli District Samut Prakan Province which became a pair of Buddha images in Samut Prakan Province that people come to worship uninterruptedly because of the sanctity of the Lord

And as the villagers have told each other that he has two brothers who float along the water, namely Luang Por Sothon, Sothon Wararam Temple. Chachoengsao Province and Luang Pho Wat Ban Laem Wat Phet Samut Worawihan Samut Songkhram Province Luang Pho To is a Buddha image in the Sukhothai period in the attitude of subduing Mara (Staring Mara), the whole body is made of bronze, the lap width is 3 cubits, 1 creep, and the eyes are forgotten. There is a boat parade of Luang Por To (replica) along the Samrong canal to receive lotus flowers that people offer as offerings to the Buddha, also known as the lotus throwing ceremony where people throw lotuses into the boats.

To pay homage to Luang Pho to itself.

5. Research Results

Can describe the research results of animation media on the cartoon website obtained from the operation. After analyzing the work system and analyzing the steps to complete the work, it will bring various processes to create a new work system by designing screens and reports pages. The system works as follows.

(System Development life Cycle : SDLC) 7 1. (Problem Study) 2. (Feasibility Study) 3. (System Analysis) 4. (System Design) 5. (Development and Test) 6. (System Implement)

Home page design

Figure 1 Main page

Animated cartoon media viewing page

Figure 2 Shows the animation media page

Cartoon viewing screen. Watching cartoons, users can click to watch cartoons, adjust the volume, pause or pause the playback.

Questionnaire page

Figure 3 The results of the questionnaire page

The screen for making an evaluation form to evaluate the audience of animation media Able to do an assessment by filling in the name, surname, gender and age completely before the assessment can be recorded immediately.

5. Conclusion

Table 1 Satisfaction of the audience of animated cartoon media

List	Satisfaction Level		
	$\overline{\text{X}}$	S.D.	Interpret
1. Cartoon characters move naturally well.	4.67	0.29	very good
2. The cartoon characters move naturally well.	4.00	0.34	very good
3. The scene is beautiful.	4.33	0.32	very good
4. Use appropriate words that are easy to understand.	4.55	0.30	very good
5. Slow speed of changing scenes	4.73	0.27	very good
6. Cartoon characters, scenes of changing scenes	4.67	0.29	very good
7. Cartoon characters, scenes are appropriate and consistent.	4.00	0.34	very good
8. The period of time to proceed with the matter is appropriate.	4.67	0.29	very good
9. The website is appropriately beautiful.	4.00	0.34	very good
10. Gain knowledge from animation	4.00	0.34	very good
Total	**4.36**	**0.31**	**very good**

From the responses to the satisfaction assessment form of cartoon animation media the questionnaire is divided into 10 areas as follows: 1. Cartoon characters move naturally well. 2. Cartoon characters move naturally 3. Scenes are beautiful 4. Use appropriate words, easy to understand 5. Slow speed of changing scenes 6. Cartoon characters, scenes of changing scenes 7. Cartoon characters, scenes are appropriate Consistent 8. The duration of the story is appropriate 9. The website is beautiful and appropriate 10. Gain knowledge from the animation can be summarized as a whole. The mean was 4.36 and the standard deviation was 0.31, which was in very good level.

6. Discussion

Discussion, strengths, weaknesses, problems and obstacles of the system

1. Highlights of the system

1.1 In the presentation of this cartoon came to the tradition of throwing lotus. Samut Prakan Province is good.

1.2 This cartoon gives knowledge to the audience.

1.3 What is the audience's satisfaction with what they think about this cartoon?

1.4 There is a graph to measure satisfaction after watching this cartoon.

2. Disadvantages of the system

2.1 The website page is not outstanding.

2.2 The web page contains information about the Yon Bua tradition. Samut Prakan Province.

2.3 The cartoon image is quite solid. Unnatural.

2.4 The sound of the cartoon voice acting is unnatural.

2.5 The display of graphs and user data is not outstanding.

3. Problems and obstacles in conducting research

   3.1 It is quite difficult to draw cartoon characters.

   3.2 There is no proficiency in coding, so it takes a long time to study.

   3.3 It is difficult to dub the voice to match the cartoon character's mouth**.**

7. **Recommendations**

   1. Add more details on the website.

   2. Add animation to have continuous episodes.

   3. Add knowledge about the throwing lotus tradition Samut Prakan Province that is useful to the website more so that people who visit the website can gain knowledge from this website

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