

## **DEVELOPMENT OF “BANYUMAS CULTURE” INFORMATION SYSTEM WEBSITE-BASED (DINAS PEMUDA, OLAHRAGA, KEBUDAYAAN DAN PARIWSATA KAB.BANYUMAS)**

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**Abstract** - *The rapid development of technology is very influential on human life. The internet is one of the media for disseminating information that is very often used by humans. Almost all information can be obtained from the internet due to the sophistication of today's technology. This influence can also be seen from various aspects of humanlife that are influenced by technology. The cultural aspect is one of the things that cannot be separated from today's technology. Culture is an important element as a characteristic and identity in a society. But not all people know the culture, including Banyumas Culture. With this problem, the development of the "Banyumas Culture" website was carried out as a medium of information related to Banyumas culture. This website is designed using HTML, CSS, Javascript, PHP programming languages. On the website "Banyumas Culture" there are features about Banyumas culture that contain important information ranging from history, art, heritage, museums, etc. It also provides images, text and color combinations as well as an attractive layout. With this website, the delivery of information about Banyumas culture can be more effective and efficient according to the needs of the community.*

**Keywords** : *Internet, Website, Banyumas Culture, HTML, CSS, Javascript, PHP.*

## **1. INTRODUCTION**

Culture in Indonesia is very diverse and has a uniqueness in each region. Culture itself is all things related to all aspects of human life, which are shared and shared. In culture there are beliefs, arts, and customs. Along with the development of the era, of course there are changes, including culture in Indonesia. These changes occur because of community factors that really want cultural change, or because of the inclusion of elements of globalization into Indonesian culture.

Banyumas is one of the regencies that has experienced these changes. With its interesting and unique culture, Banyumas certainly cannot be separated from cultural problems that are starting to fade, especially for the younger generation. One of the causes of the decline of this culture is influenced by various factors, one of which is the introduction of cultural information that is not in accordance with the times. Most of the introduction to culture can only be obtained from old reading books so it is less interesting to study it. One of the efforts to instill love and stimulate public interest in the indigenous culture of Banyumas is to provide interesting information through technology-based information media. Therefore, the introduction of culture will be more interesting, interactive and practical.

A website-based information system is one of the containers in presenting effective information in today's digital era. Presentation through this website will later give a more attractive impression so that the introduction of Banyumas culture can be conveyed to the wider community without being too monotonous. With this website, it is hoped that it will increase public awareness to continue to preserve the culture that has been passed down from generation to generation. In addition, it is also expected to increase public knowledge, especially the younger generation, to the uniqueness of the Banyumas indigenous culture.

## **2. METHOD**

This research uses the Research and Development (R&D) method which aims to develop an effective product. ready to use, and not for testing theory. The website that is developed will be seen for its effectiveness and quality based on repeated testing, so that a software that can be easily implemented is obtained.

## **3. RESULT AND DISCUSSION**

In the discussion of this analysis, several things are explained in the design of the website-based Banyumas cultural information system development and the results or outputs of the system display that have been made, including:

### **A. Determine the Application Idea**

The first thing that the practitioner does is determine ideas and innovations according to the research that has been done related to the problems contained in the Banyumas DINPORABUDPAR, especially in the Cultural Sector. The determination of the idea is based on several aspects, namely:

- 1) How can this application solve the problem?
- 2) What is the scope that will be covered by the application?
- 3) What menus and features will be provided?
- 4) What is the name of the application to be developed?
- 5) What is the purpose of the application?
- 6) Etc.

Based on the above aspects, the practitioner with the team and based on the assistance of the PKL field supervisor produced an idea, namely the development of a website-based information system. And specifically the practitioner with the team focused on the Banyumas Culture field.

## B. Application Creation and Development

The process of making this application is carried out by the practitioner with the team based on the jobdesk of each member. Teammembers are divided into two groups, namely the data management section and the design of application features and the website programming section. Through the division of tasks that have been agreed upon by the team, the creation and development of applications can be completed in a fairly short time. The application is made based on a website with the name Banyumas Culture.

The design of the application features is made in a simple manner according to the data that will be managed into the website. The features are designed starting from the main website page to the menus that will be created. It also considers the location of the image, text and color nuances that will be used. The focus of this design is for the convenience of visitors to use the Banyumas Culture website.

Banyumas Culture website was developed using HTML, CSS, Javascript, and PHP programming languages. Supporting software for this website is Visual Studio Code, XAMPP, Web Browser, and Adobe XD.



Figure1. Display of the Banyumas Culture Website Homepage



Figure 2. Display of Banyumas Culture Website Event Menu

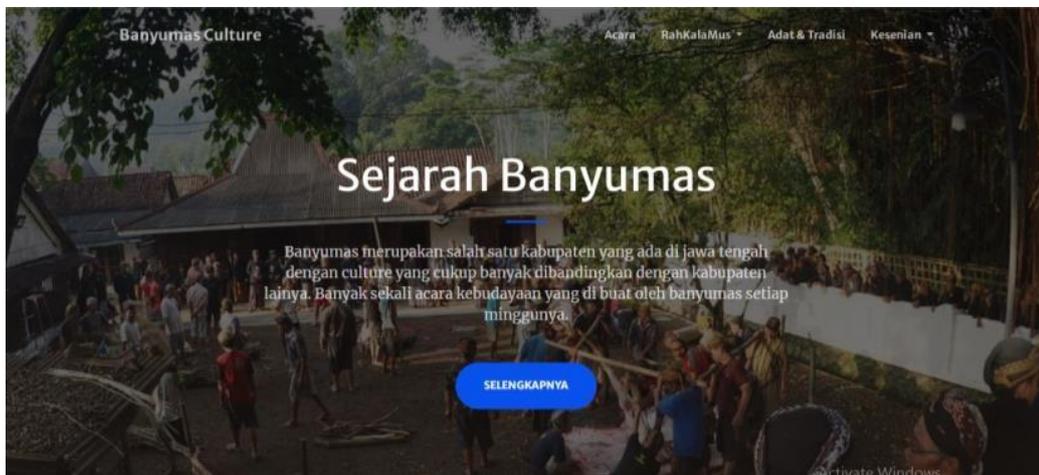


Figure 3. Display of Rahkalamus Menu History Banyumas

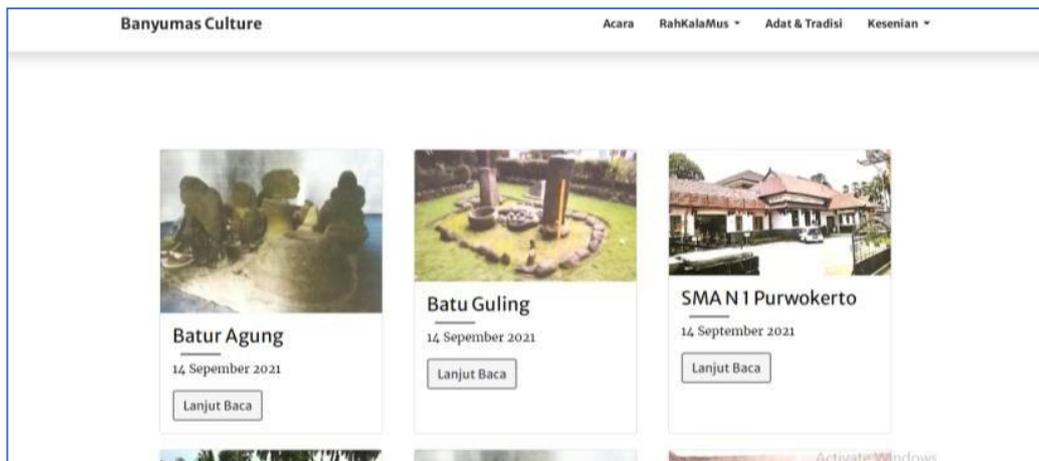


Figure 4. Display of Banyumas History Menu Contents



Figure 5. Display of Rahkalamus Archaeological Menu Banyumas

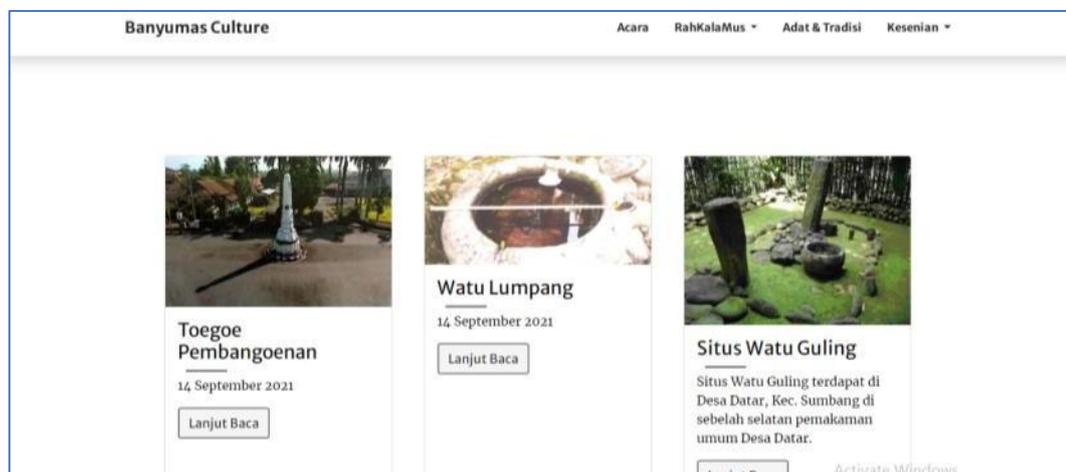


Figure 6. Display of Banyumas Archaeological Menu Contents



Figure 7. Display of Rahkalamus Menu of Banyumas Museum

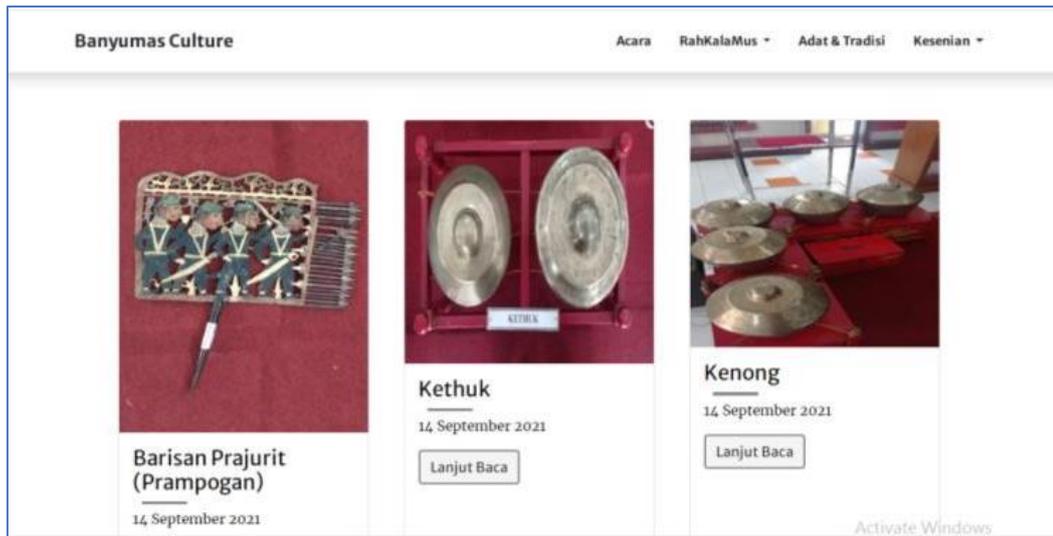


Figure 8. Display of Banyumas Museum Menu Contents



Figure 9. Display of Banyumas Customs & Traditions

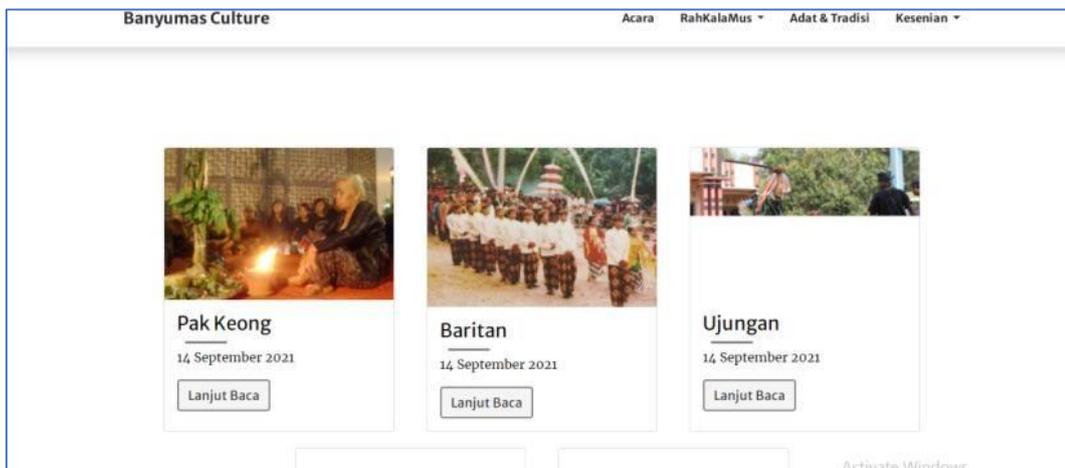


Figure 10. Displays of Banyumas Customs & Traditions Menu Contents



Figure 11. Display of Banyumas Music Art Menu Pages

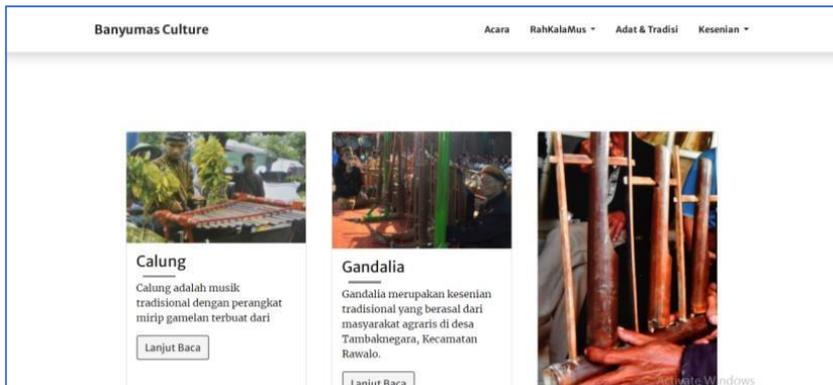


Figure 12. Display of Banyumas Music Art Menu Contents



Figure 13. Display of Banyumas Dance Art Menu Menu

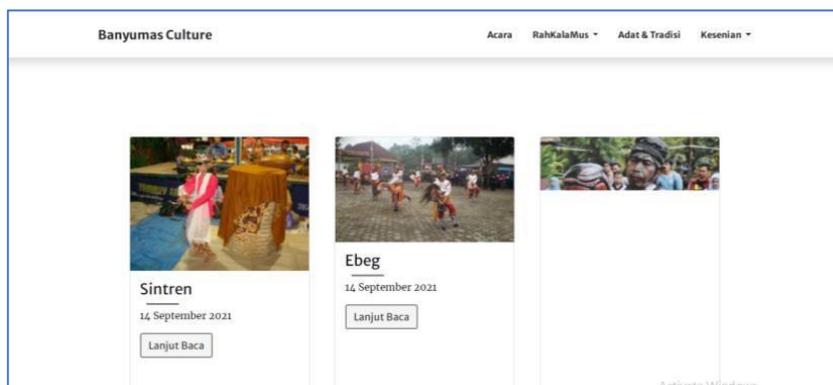


Figure 14. Display of Banyumas Dance Menu Contents



Figure 15. Display of the Art Menu of the Banyumas Theater Art Menu

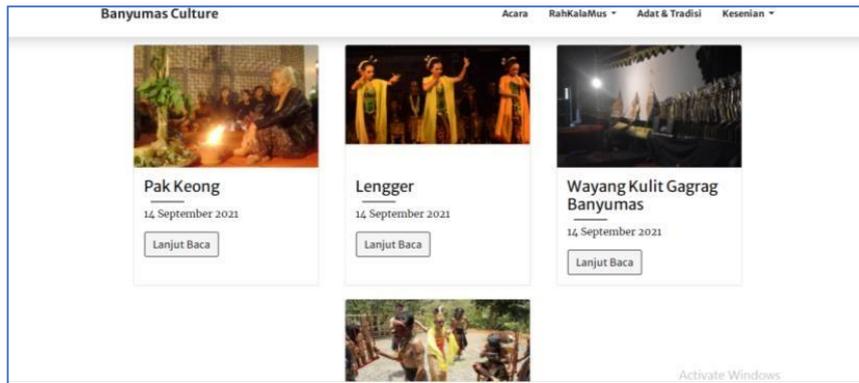


Figure 16. Display of Banyumas Theater Art Menu Contents



Figure 17. Display of the Art Menu of the Banyumas Literary Art Menu

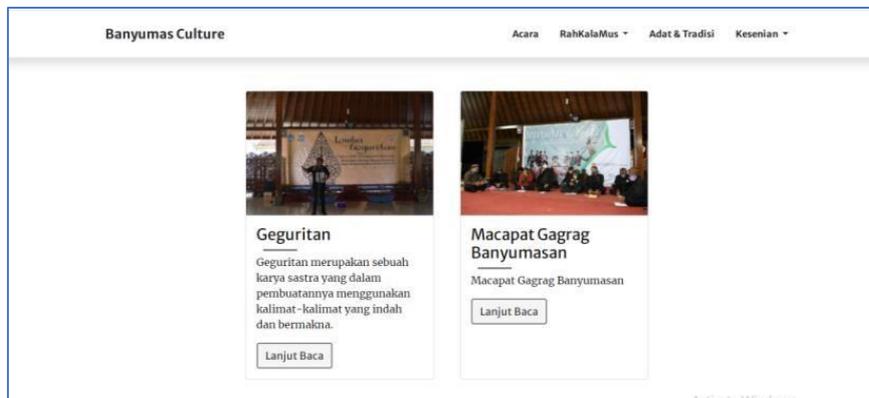


Figure 18. Display of Banyumas Literary Art Menu Contents

### C. Website Assessment Results

**Table 1. Assesment Result**

| No. | Questions   | Yes  | Enough | No |
|-----|---|--|--------|----|
| 1.  | Does the website title match the content given?   | v  |        |    |
| 2.  | Does the website provide accurate information about Banyumas culture?   |  | v      |    |
| 3.  | Is the appearance of the website attractive to see and read?  |  | v      |    |
| 4.  | Are the writing, color selection, image layout and menu structure on the "Banyumas Culture" website interesting and easy to understand?   | v  |        |    |
| 5.  | Can the features provided help users find information on the website?   | v  |        |    |
| 6.  | If categorized, is the "Banyumas Culture" website included in the good category? (yes = good)   |  | v      |    |
| 7.  | Is the appearance and features of the website easy to remember (memorability)?  |  | v      |    |
| 8.  | Does the website often experience errors?   |  |        | v  |
| 9.  | Is the website well received by the DINPORABUDPAR Banhyumas, especially in the field of culture?  | v  |        |    |
| 10. | Essay:<br>What are the responses, assessments, suggestions and criticisms from the Banyumas DINPORABUDPAR regarding the "Banyumas Culture" website that has been developed by the team? | The web is built quite well, user friendly for admins. it's just that the incomplete content causes it to be unable to be linked to the main website of the Department of Tourism and Culture as was the original intention. One more thing, regarding hosting to look for alternatives other than private hosting, considering that the agency does not have the authority to budget for hosting and to use the .banyumaskab.go.id domain, it must ask for permission from the Ministry of Communication and Information because the main functions of the website..application..and internet network are in the service. Overall good. Just needs improvement. |        |    |

### 4. CONCLUSION

Conclusions that can be drawn from the field work practice report include the following:

- 1) With the Banyumas Culture website, it provides a new alternative as a medium

for delivering information about Banyumas culture according to technological developments.

- 2) Making application designs that are easy to understand and use by the public in finding information about Banyumas culture as needed.
- 3) Through the website, it is hoped that it will have a significant influence on the delivery of information related to Banyumas culture to the wider community, especially the younger generation who are very attached to technology in the long term.

Base on the results of the discussion, the practitioner gives suggestionsto the reader to see the overall appearance of the website created by the team, starting from the initial appearance of the fiber features provided. Based on this, it is expected that there will be criticism and suggestions to improve website development according to future needs

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