

# Application of E-Magazine in The Web Komunita

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## Abstract

In this study, the authors create a web with a user interface that suits your needs. Where the web is in accordance with user needs, namely the appropriate web for displaying magazine content. The author also tries to change conventional magazines into digital ones with the e-magazine. E-magazines can be obtained and accessed with various digital devices or gadgets. With e-magazines, you can save on conventional magazine production costs. The e-magazine can be more effective and efficient.

## Keywords

E-Magazine, WordPress, CMS

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## Introduction

Komunita Magazine is a verb phrase as an effort to establish togetherness in strengthening the future of higher education which is the spearhead for the regeneration of the younger generation, corporate-corporate leaders, and future entrepreneurs. The meaning of the word KOMUNITA as the name of the media is Widyatama University's effort to build communication, equality, and togetherness as members of the "community" in building the intelligence and insight of the nation's children through higher education.

In this study, the authors create a web with a user interface that suits your needs. Where the web is in accordance with user needs, namely the appropriate web for displaying magazine content. The author also tries to change conventional magazines into digital ones with the e-magazine. E-magazines can be obtained and accessed with various digital devices or gadgets. With e-magazines, you can save on conventional magazine production costs. The e-magazine can be more effective and efficient.

## Literature Review

### CMS

Vimal Ghorecha and Chirag Bhatt say CMS is a tool used to manage website content and depository for information ([Ghorecha & Bhatt, 2013](#)).

### WordPress

Vimal Ghorecha and Chirag Bhatt say WordPress is web software you can use to create a website ([Ghorecha & Bhatt, 2013](#)). Savan K Patel, V.R. Rathod, and Satyen Parikh say Wordpress was initially designed as a blogging platform, itself as a useful content management system ([Patel, Rathod, & Parikh, 2011](#)).

### E-Magazine

Shih-Chih Chen, David C. Yen, and Shih-Che Peng say E-magazines have retained the advantages of print journals and evolved into a new model of reading which offers richer content, interactivity, access, and save functions. Readers can easily use the web browsers to read online or download the materials ([Chen, Yen, & Peng, 2018](#)).

### Analysis

This part shows the results of implementing the User Interface using Wordpress CMS. The implementation of the User Interface is carried out using the Windows 10 operating system, and with the Microsoft Edge browser version 91.0.864.48 it can be described on the website page. The web is made so that the user interface fits the needs of the magazine. And the user interface can be suitable for displaying content from magazines.

Debasmita Saha and Ardhendu Mandal ([Saha, Mandal, & Pal, 2015](#)) in their research paper propose seven issues in designing user interfaces, of which one of them are graphic design issues. They identified three points in graphic design issues which contain organization of controls, use of color, and visual delight. "Controls" can be referred to menus, dialog boxes, on screen buttons, and any other graphic element that the designer uses to design the interface. Related controls can be placed together so that users can easily find them.

Heshan Liu and Fujun Ma ([Heshan & Fujun, 2010](#)) propose the similarity from functional forum that interior designers make between kitchen and dining area through different colors of floor tiles with the different parts of the web interface can be distinguished from others by various colors, shapes and textures, making a clear division of different forums to guide visual processes; allow users quickly finding the information; enhance the users' psychological satisfaction and to emphasize the features of the website. it is the same with komunita website that divided into several parts from header into footer so the user can quickly find the information they want and use it easily.

Debasmita Saha and Ardhendu Mandal (Saha et al., 2015) in their research paper propose seven problems in designing user interfaces, one of which is the problem of the user as an entity that

uses the system at any time. Users are entities that will use the system at any time. The different user categories include:

- A human
- Another life
- Other Machines

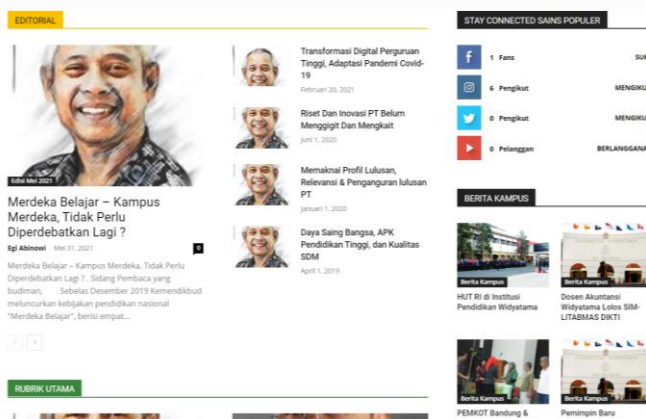
In this context we will consider humans only as our target user group and the system within the web [komunita.widyatama.ac.id](http://komunita.widyatama.ac.id) should be designed for the individual or group the intended user is for and before starting the user interface design, it is important to know in detail about the different characteristics of the users.



visual process could indicate the diversity trends. How to evaluate good visual process design is a problem, although there are various paths of users' visual process, they could be regulated by reasonable web UI design, even exactly following the designer's intention. Otherwise, the visual process would be in chaos, which reduces the effectiveness of the user's reading.

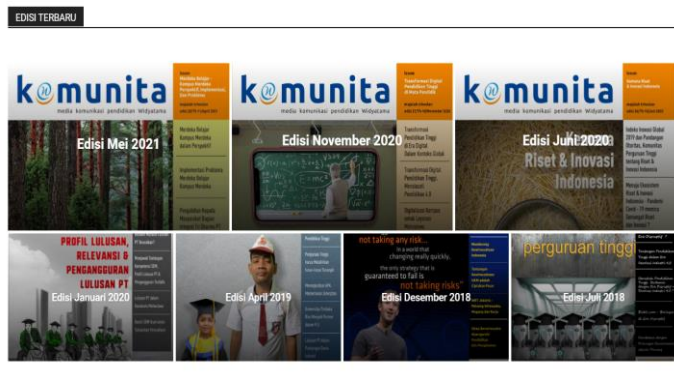
The picture is the user interface display of the main page of the KOMUNITA magazine. The main page is the page that is displayed when a visitor first accesses this web.

In the header there is a logo and menus arranged horizontally. The menu will direct visitors to the desired page. According to Theo Mandel's "Golden rules of user interface design" theory, the first is to place the user as control (Ruiz, Serral, & Snoeck, 2021). The second rule is to make it easier for users to remember, this is indicated by the logo on the header and menu that are neatly arranged horizontally.



In page layout of the KOMUNITA website interface is no technical interactions that makes it easy for users to interact with the system, so that the system can used by new users who first time access the KOMUNITA. In the main page there is also content on the left and side bar on the right. Side bar containing social media, news, latest, KOMUNITA edition, most popular, and web links.

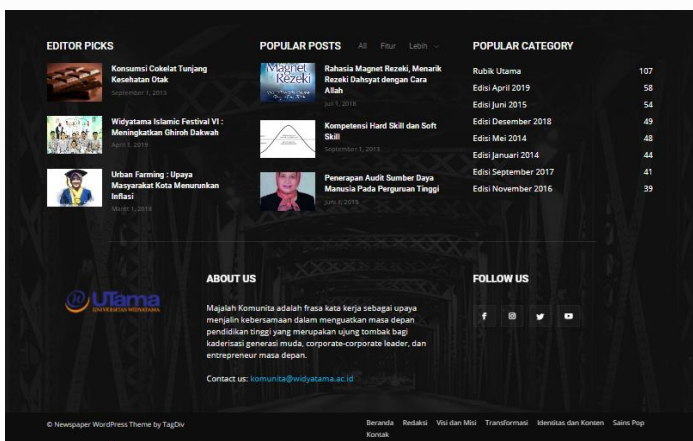




The main page also displays the latest edition of the magazine of KOMUNITA. KOMUNITA magazine can also be downloaded digitally. KOMUNITA magazine in the form of an e-magazine so that it can be read and saved digitally.



The author tries to make an e-magazine by storing it in a data repository in a cloud storage base. So that the e-magazine is downloaded from the data store in the cloud storage base. the data storage area in the cloud storage base functions so as not to consume the burden of hosting the web site.



In The footer section there are additional menus such as editor picks, popular posts, and popular categories. In this section there is also about KOMUNITA magazine, contact and KOMUNITA social media.

The final rule of Theo Mandel's "Golden rules of user interface design" theory is interface consistency (Ruiz et al., 2021). Broadly speaking, KOMUNITA magazine web is dominated by black and white, where these two colors are the basic colors for each layout. The layout on the interface of each page has consistency with a minimalist theme and does not use complicated graphical displays.

## Summary And Conclusion

The author has created a web with approach Theo Mandel's "Golden rules of user interface design" theory. Where the user interface of the KOMUNITA web has largely met the principles of this approach. With the creation of this website, the author hopes that E-magazines can be obtained and accessed with various digital devices or gadgets, can save production costs for conventional magazines and can access e-magazines more effectively and efficiently.

In this study the author tries to make it in digital form from conventional magazines by presenting e-magazines. With e-magazine can save the cost of conventional magazine production. With e-magazine, it does not mean closing the magazine institution but developing the magazine. This website still needs a better development. E-magazine next time user interface from this website is embedded sto make it easier for users

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