

# Development of Flip Book Learning Media in Practicum Course of Personal Social Guidance and Counseling

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**Abstract.** The purpose of this study was to find out whether the flip book learning media for the personal social guidance and counseling practicum course met the requirements in terms of material and appearance, and to analyze the level of effectiveness of the flip book learning media for the personal social guidance and counseling practicum course. The type of research used was development research with the Borg and Gall model. The research was conducted by testing research products. Data analysis used descriptive analysis and inferential analysis. The results showed that the flip book learning media was feasible and could be used as a medium for personal social guidance and counseling practicum course.

**Keywords:** Learning Media, Guidance and Counseling Practicum

## 1 Introduction

The Advancement of technology are now experiencing very rapid development. Technology has an impact on the use of learning media from schools to universities. Learning media demands the ability of educators to increase the learning process quality.[1] The process of improving the quality of learning cannot be separated from the process of learning and teaching. In this case, communication between educators and students is interrelated. Learning communication requires a medium. Quality learning does not only require students to be recipients of messages but also as messengers. Media is very necessary in achieving the competence of the learning process [2].

One form of multimedia-based learning media is the flip book maker [3] Flip books can be used to create a conducive learning atmosphere. By utilizing computer software, making flip books with kvisoft flip book maker software can be used to make students feel like reading a book because there are effects and animations that seem to make book sheets move from one page to another [4].

Through the development of flip books, a combination of print and computer technology can occur in learning activities. Flip book is a form of virtual presentation of book learning media. Kvisoft Flipbook Maker is software that is designed to reliably convert PDF files to digital publication pages or digital books. This software is able to change the appearance of PDF files to be more attractive. Kvisoft Flipbook Maker can also create PDF files like a digital magazine, flipbook, digital catalog and others. The use of this software makes the media display more varied, not only image or text, video and audio can also be inserted in this

media. It makes learning activity more attractive. Through the use of this software the learning process becomes more effective [5].

Several relevant studies show that the use of flipbook learning media can improve student learning outcomes. Research [6] shows that using of flip book which is based on electronic teaching materials in teaching has a positive impact in improvement of student outcomes and increase the activity of students such as oral, visual, writin, listening and emotional. Furthermore, research [7] also states that the learning process in groups that use flip books has better quality than those who do not use flip books.

Contextual teaching materials can have an impact on students. Students will be faster and easier in understanding the material because there are examples that are in accordance with real life that occur everyday, so that students are more responsive and understand [8]. The Practical Personal Social Guidance and Counseling course is a core course of study programs that has learning outcomes so that students are able to apply counseling techniques in helping to solve individual social personal problems [9].

In the era of covid 19, learning at Medan State University is carried out in a hybrid learning manner. The role of digital learning media is needed by students. However, currently learning media in practicum courses are not yet available. Practicum lectures on personal social guidance and counseling that have been carried out so far are still using modules, it is hoped that through the development of flip book learning media it can provide more opportunities for students to study independently with interesting media. So that students can answer various questions, demonstrate counseling techniques, and can develop ideas and abilities in personal social guidance and counseling practicum. In addition, flip books also help students to find information related to personal social guidance materials [10].

Education is the process of making someone who grows in line with talent, ability, character, and conscience as a whole. Education is not to print characters and the ability of students is the same as the teacher. The educational process is directed to all potentials students humanely so that they become themselves who have the ability and superior personality (1). The aim of education is to train students to think critically, creatively, and deep analytically learning process. Critical thinking skills can be classified into two parts, thinking at a higher level (higher order thinking skills) and thinking at a lower level (low order thinking) (2). Higher order thinking skills (HOTS) are demanding higher order thinking skills thinking critically, creatively, and analytically (3). In essence Higher Order Thinking Skills (HOTS) or higher order thinking skills can be interpreted as a thought that occurs at a high level in a cognitive process [11].

This research used Kvisoft Flipbook Maker application. According to Wibowo [12] Kvisoft Flipbook Maker is an application to create book, magazine, or paper electronically. Kvisoft can insert not only text, but also insert some images, some graphics, sound and song, some videos and links. Flip book is a medium which is very interesting learning to apply in the learning process Flipbooks are a medium in the form of sheets of paper which when opened slowly one by one shows that the contents of the sheet of paper as if indeed moving. Technological advances in education produces there are many types of media in order to achieve learning goals. The flip book itself is development of the ebook used as a medium learning. The term flip book taken from a children's toy containing a series of pictures which differs when opened from Development of Flip Book Learning Media in will show that the pictures are like move [13].

The final result of flip book maker can be saved to html, exe, zip, screen saver and app formats. The use of these teaching materials is expected to provide renewal in the learning process in the classroom. The using of Kvisoft flipbook maker media can boost the interest of

learning. It can make learning outcome of students more resilience and the achievement of students rise sharply. The use of flipbook also improve knowledge, attitude and improve the skill of students. There are some advantages from flipbook media in learning process, Those are: 1) Students have different experiences from using the media; 2). Eliminating student's boredom because of the media used; 3) more varied; 4) good for independent learning activities; 5) students are not tired of reading this set material; 6) the shape of the book because of this flipbook media; and 7) flipbook maker media can be used by offline without internet.

There are various definitions of guidance put forward the experts. Among them is the definition of guidance put forward by Prayitno [14] which Guidance is assistance given by someone, male or female, who has adequate personality and properly trained to individuals of every age to help him organize his own life activities, develop own outlook on life, make their own decisions and bear the burden alone. This understanding emphasizes that the guidance given by a person to an individual with the aim that the individual gain independence in making plans and decisions as well be responsible for the decisions made. Furthermore, the definition of guidance put forward by Bimo Walgito that guidance is assistance or assistance given to an individual or a group of individuals avoid or overcome inner difficulties life, so that this individual or group of individuals can achieve prosperity. Bimo Walgito's opinion provide an understanding that guidance needs to be given to individual or group of individuals in order to avoid or overcome difficulties in his life so as to achieve well-being [14].

The same thing was expressed by Prayitno et al [15], which defines: Guidance is the process of providing assistance that is carried out by an expert to one person or several people individuals, both children, youth, and adults so that people who are guided can develop their abilities independently and independently by leveraging individual strengths and existing facilities and can be developed based on applicable norms. Based on the understanding expressed by Prayitno et al, it can be seen that guidance is the process of an expert in providing assistance to an individual or some individuals whether children, adolescents or adults in order can develop their own abilities and be independent so as to achieve optimal development and achieve welfare. Based on these three meanings it can be concluded that guidance is a process of providing assistance given by an expert (guidance teacher) on an ongoing basis to individuals or groups of individuals (students), for prevent or overcome problems that arise with various potential, so that it can achieve the desired development optimally and can plan a better future, as well can adapt to the environment and achieve prosperity.

Social personal guidance is one area of service guidance at school. In Diana's opinion that social personal guidance is a set of efforts assistance to students so that they can face their own personal and social problems, make adjustments personal and social, choosing social groups, choosing types useful social and recreational activities own efforts in solving personal problems, recreation and social experiences [16]. The meaning of the notion of personal social guidance is put forward by Suharni [17] is that personal guidance social assistance is the process of providing assistance to students, in order to be able to face and solve personal and social problems that are experienced independently. Whereas the definition of social personal guidance according to Khalillah [9] namely: Social personal guidance is guidance in dealing with his own inner state and overcomes the struggles within his own heart in self-management themselves in the field of spirituality, physical care, filling free time, distribution of sexual appetite and so on, as well guidance in fostering human relations with others in various environments (social association).

Based on the understanding put forward by experts, It can be seen that social personal guidance is guidance for dealing with inner states, overcoming struggles his own heart in the personal social field so that the individual is able self-regulate and can build good relationships with environment (social interaction). Wati [18] stated that guidance social-personal is guidance to help individuals in solving social-personal problems. Included in social-personal problems are relationship problems with fellow friends, with lecturers, as well as staff, character problems and self-ability, adjustment to the educational environment and communities in which they live and conflict resolution. The essence of the notion of personal social guidance put forward by Syamsu Yusuf is the help given to individuals to solve personal social problems that they experience such as problems social relations, problems of nature and self-ability, adjustment themselves with the educational environment and society. as well as individuals can resolve the conflict.

In accordance with the three expert definitions above, it can be taken the conclusion that social personal guidance is a guidance given by an expert (guidance teacher) to individuals or groups of individuals (students), in helping individuals prevent, face and solve problems personal and social, such as adjustment to the environment, conflict resolution and association

The Practicum materials for personal social guidance and counseling according to Triningtyas [19] are consists of: The nature of social personal guidance and counseling, The basis of social personal guidance and counseling, The direction of social personal guidance and counseling services in elementary schools, The direction of social personal guidance and counseling services in junior high schools, Direction of social personal guidance and counseling services in high school, Problems related to the social and personal development, Approaches and techniques of social personal guidance and counseling, Forms of personal social counseling service formats, Development of social personal counseling program, Development of a personal social counseling service implementation plan and evaluation of the implementation of social personal guidance and counseling services. The development of flipbook-based learning media is expected to improve students' problem-solving skills, and the results of the development can meet the feasibility of aspects of content quality, and language.

## **2 Research Method**

This study is a Research and Development (R&D) study followed Borg and Gall Model which aims to determine the development and feasibility of flip book learning media in the practical course of personal social guidance and counseling. the steps are as follows: 1) Research and data collection. In this step the researcher will collect data on personal social guidance and counseling materials which will be developed into a complete book and according to student needs. 2) Planning. The researchers will prepare a draft of the personal social guidance and counseling practicum book which is prepared to be taught at every class meeting by the guidance and counseling lecturer. 3) Expert Validation Test. There are two instrument experts used, namely material experts and media experts as well as users or students. Material experts to determine the level of product feasibility seen from content validation. Meanwhile, media experts to determine the level of product feasibility is seen from construct validation. 4)Revise the flip book learning media as a result of the feasibility test by experts. Based on the results of the feasibility test of flip book learning media, the results of the analysis will later be used as information to improve the teaching materials that have been prepared. 5) Feasibility Test by Guidance and Counseling Students. After the book is revised

after the expert test, to achieve perfection, this media will conduct a feasibility test on 30 by Guidance and Counseling students where by Guidance and Counseling students are given an assessment instrument to provide input or rebuttal to the material contained in the flip book.

Data analysis technique divided into two category. The first is qualitative analysis, which is used to describe the results of comments and suggestions from experts and respondents. The data was analyzed descriptively, some comments and suggestions will be used to improve the product at the revision stage of the social personal guidance and counseling practicum learning media. The second is quantitative analysis, which is used to describe the feasibility level based on the assessment of material expert lecturers, media expert lecturers and users (students), the product is tested using scale of Likert [2]. The Likert, scale of feasibility test has four criteria, namely good, sufficient, less, and very less. Then, The data will be changed to the assessment scores (4, 3, 2, 1) and will be grouped into four category uses the formula below.

**Tabel 1.** Category of Average Answer Score

| Average Answer Score             | Category           |
|----------------------------------|--------------------|
| $Mi + 1,5Sdi < X \leq Mi + 3Sdi$ | Very Feasible      |
| $Mi < X \leq Mi + 1,5Sdi$        | Feasible           |
| $Mi - 1,5Sdi < X \leq Mi$        | Less Feasible      |
| $M - 3 Sdi < X \leq Mi - 1,5Sdi$ | Very Less Feasible |

### 3 Results and Discussion

Based on the needs study instrument compiled by the researcher, there are 9 topics that are considered important and can be used in flip book learning media for personal social guidance and counseling practicum. personal social counseling, 3) Directions for personal social guidance and counseling services in elementary schools, in junior high schools and in senior high schools, 4) Problems related to personal social, 5) Personal social counseling and guidance approaches and techniques, 6) Forms of personal social counseling service formats, 7) Personal social counseling program development 8) Development of personal social counseling service implementation plans, 9) Evaluation of service implementation social personal guidance and counseling.

#### 3.1 Material Expert Assessment Results Data

After the design results are complete, the initial submission of the assessment by the material undergoes several product revisions. After the revision is done, the material expert fills the questionnaire. The assessment carried out by material experts includes four aspects, namely the feasibility of content, linguistics, presentation, graphics.

**Tabel 2.** Data of the material expert assessment

| No      | Material Expert | Feasibility of Content | Linguistics | Presentation | Graphics |
|---------|-----------------|------------------------|-------------|--------------|----------|
| 1       | Expert 1        | 87,5%                  | 92,8%       | 87,50%       | 87,5%    |
| 2       | Expert 2        | 91,67%                 | 89,28%      | 91,67%       | 87,5%    |
| Average |                 | 89.58%                 | 91,07%      | 89,5%        | 87,5%    |

**Tabel 3.** Overall Material Experts of Assessment Result Data

| No      | Material Expert | Percentage | Description     |
|---------|-----------------|------------|-----------------|
| 1       | Expert 1        | 88,83%     | (Very Feasible) |
| 2       | Expert 2        | 90,02%     | (Very Feasible) |
| Average |                 | 89.43%     | (Very Feasible) |

The results of material experts were assessed from content, language, presentation, and graphic aspect. Flip Book which is seen from the content aspect gets 89.58% and the category is very feasible. The linguistic aspect has 91.07% and the category is very feasible. The presentation aspect gets 89.58% in very feasible category and the last aspect, Graphics, the percentage is 87.5%. The overall percentage of material experts gets 89.43% and the category is very feasible

### 3.2 Media Expert Assessment Results Data

After the design is completed and added to being declared as a media based on assessment of material experts, the media will be assessed by media expert using questionnaire to look up the feasibility of the media which has been developed. There are several aspects of media experts assessment, Those are design, ease, consistency, format, usability and graphic.

**Tabel 4.** Data of the Media Expert Assessment

| No      | Material Expert | Design  | Ease   | Consistency | Format | Usability | Graphics |
|---------|-----------------|---------|--------|-------------|--------|-----------|----------|
| 1       | Expert 1        | 91,67 % | 91,67% | 87,5%       | 87,5%  | 93,75%    | 87,5%    |
| 2       | Expert 2        | 83,33%  | 87,5%  | 87,5%       | 87,5%  | 87,5%     | 93,75%   |
| Average |                 | 89.58%  | 87,5%  | 89,58%      | 87,5%  | 87,5%     | 90,6%    |

**Tabel 5.** Overall Media Experts of Assessment Result Data

| No      | Media Experts | Percentage | Description   |
|---------|---------------|------------|---------------|
| 1       | Expert 1      | 89,93%     | Very Feasible |
| 2       | Expert 2      | 87,84%     | Very Feasible |
| Average |               | 88,88%     | Very feasible |

There are six criteria for media expert assessment, Those are design appearance, convenience, consistency, format, usability, and graphics aspects. Flip Book viewed from the aspect of the design display, the percentage is 87.50%. In the aspect of ease gets 89.58%. In the aspect of consistency, the percentage is 87.5% y. In the aspect of format, the percentage is 90.62% While in the aspect of benefit, the percentage is 90.62% and in the graphic aspect, the percentage gets 90.62% and the category is very feasible. Overall, total percentage of media experts get 88.88%, It means that the category is very feasible.

### 3.3 Feasibility Test by Guidance and Counseling Students

After the book is revised after the expert test, to get to perfection, this book will conduct a feasibility test to 30 guidance and counseling students, where guidance and counseling students are given an assessment instrument to provide input or rebuttal to the materials and methods and times contained in the book.

**Table 6.** Overall Respondent Assessment Results Data

| No | Material Expert      | Score Average | Percentage | Description   |
|----|----------------------|---------------|------------|---------------|
| 1  | Material resentation | 25,1          | 89,64%     | Very Feasible |
| 2  | Linguistics          | 14,23         | 87,5%      | Very Feasible |
| 3  | Graphics             | 24,83         | 88,69%     | Very Feasible |
| 4  | Benefit              | 22,36         | 93,19%     | Very Feasible |

The results of respondents effectivity, There are of four aspects, namely, material presentation, linguistics, graphics, and benefits. The book viewed from the aspect of material presentation obtained 89.64%. It is in very feasible area. In the linguistic aspect, the percentage gets 87.5% which also include in very feasible category. From the graphic aspect, percentage of graphic is 88.69% it is also in very feasible category. Meanwhile, From the book benefits, the percentage is 93.19% which is in very feasible category. Thus it can be seen that the book that has been produced fulfill the requirements as a flip book for personal social counseling practical courses. So it can be interpreted that the flip book learning media for the personal social guidance and counseling practicum course is suitable for use for guidance and counseling students of Faculty of Education Universitas Negeri Medan.

## 4 Conclusion

Based on the results of research and discussion, the following conclusions can be drawn:

- a. Flip book products for personal social guidance and counseling practicum courses for guidance and counseling students were developed using the Borg and Gall development model, namely: 1) Research and Data Collection, 2) Planning, 3) Product Draft Development, 4) Expert Validation Test, 5) Revising the Feasibility Test Results Module, and 6) Research.

- b. Learning Media The flip book of this personal social guidance and counseling practicum course is prepared based on the results of expert assessments that have been declared suitable for use as learning media, and from the results of trials by users, namely BK students, after going through initial field trials, main field trials, as well as operational field tests included in the very good category.

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