

# Development of E-Modules Based on Case Method and Project Base in Language Skills Courses Indonesia and Literature Appreciation

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**Abstract:** The fundamental studies

targets are: 1) To expand a legitimate Case Method and Project Base E-Module product for Indonesian Language Skills and Literary Appreciation Courses for Department of Elementary School Teacher Education, Universitas Negeri Medan students. 2) To check the effectiveness of E-Module merchandise primarily based totally on Case Method and Project Base Courses for Indonesian Language Skills and Literature Appreciation for Elementary School Students at Department of Elementary School Teacher Education, Universitas Negeri Medan students. This studies makes use of studies and improvement strategies or frequently known as Research and Development (R&D). The vicinity of the studies become done withinside the Department of Elementary School Teacher Education, Universitas Negeri Medan students. The populace of this studies is all college students of Department of Elementary School Teacher Education, Universitas Negeri Medan college students Stambuk 2021. The pattern of this studies turned into executed in a category application and one elegance turned into chosen, particularly the Regular J elegance 2021, which consisted of twenty-two college students. The Development of Case Method-Based E-Modules and Project Base Language Skills and Literature Appreciation Elementary Schools has been demonstrated through media specialists and received a feasibility percent of 92%, whilst cloth specialists withinside the first level had a feasibility percent of 68.6% after which accelerated withinside the second level, which turned into 85%. The product turned into examined withinside the area at the ordinary elegance J 2021 college students, totaling 22 humans with a feasibility percent price of 96.2%. Based on the rationale above, it may be concluded that the Development of Case Method-Based E-Modules and Project Base Language Skills and Literature Appreciation Elementary Schools is suitable for use to enhance student mastering consequences of Department of Elementary School Teacher Education, Universitas Negeri Medan.

**Keywords:** Development, E-Modules, Case Method, Project Base, Indonesian Language, Literature Appreciation

## 1. Introduction

Previous research have found that case-primarily based totally mastering is higher than traditional mastering methods, in which Case Method teaching can enhance essential questioning abilities and lecture room interaction. In the case mastering method, college students are challenged to research issues which are presented withinside the shape of cases, make conclusions primarily based totally on confined information, make selections on

uncertain, ambiguous, and conflicting problems that simulate the actual world [1].

Case-primarily based totally mastering strategies can teach college students to suppose holistically, linking among ideas or even among disciplines. Various disciplines of their lengthy records have used case-primarily based totally mastering, such as the disciplines of medicine, law, business, training, and engineering. Of those diverse disciplines, the fields of training and medicine are said to apply the maximum case mastering[1]. However, extraordinary situations arise withinside the global of training in Indonesia, mainly on the better training level. At the better schooling degree, the gaining knowledge of method is directed so that college students are capable of assume seriously and elegantly resolve problems. But in reality, at the contrary, the coaching and gaining knowledge of method continues to be 'theory oriented' with traditional strategies and gaining knowledge of methods, particularly lectures, query and answer, and discussions. The dialogue additionally runs in a single direction that's characterised through low target target market participation, the cognitive degree of questions starting from cognitive 1-cognitive 3 (C1-C3). Likewise, the mastery of the cloth through the presenter continues to be very constrained in expertise the text (analyzing the text/energy point) with out expertise it deeper, linking it with different standards or linking it with the 'actual world'. If tested better, the above situations are in reality due to diverse elements, each inner and outside. Internal elements encompass: the extent of intelligence, lack of motivation to learn, the constrained quantity of time to observe and observe conduct that have now no longer been effective. The outside elements encompass gaining knowledge of methods, gaining knowledge of media, the supply and excellent of coaching substances which are now no longer adequate.

Language Skills and Appreciation of Indonesian Literature Elementary college is one of the topics in Elementary School Teacher Education (PGSD) with a load of three credits. This route is obligatory for undergraduate students. The abilities anticipated on this route are 1) Students are capable of evaluate the concept of Indonesian language capabilities in essential faculties with their software in essential faculties. 2) Students are capable of resolve essential college listening capabilities problems. three) Students are capable of resolve essential college speakme ability problems. 4) Students are capable of resolve essential college studying capabilities problems. 5) Students are capable of resolve essential college writing capabilities problems. 6) Tracing the Development of Children's Literature. 7) Students are capable of layout models, lesson plans, perform and prepare reviews of essential Indonesian language capabilities. 8) Students Compare Theory with Literature Appreciation Techniques in Schools. 9) Tracing the Development of Children's Literature. 10) Tracing the Contribution of Traditional Literature to the Development of Children's Literature. 11) Appreciating Children's Poetry, 12) Appreciating Children's Fiction Prose. 13) Appreciate Children's Drama.

The trouble that happens withinside the lecture technique is the dearth of resultsobserve on this route. The much less than the maximum fee of this route is really additionally in step with the dearth of pleasant of the getting to know technique for one semester due to the fact the lecture gadget is withinside the shape of on line. The trouble that happens on this getting to know technique is the dearth of student participation in on line training each to ask, talk and solution questions. On average, in a category of forty to forty five lively college students, handiest approximately four to five college students are lively, at the same time as the relaxation are handiest passive, specifically gathering assignments and taking note of lecturers' lectures.

Another hassle is the low first-rate of the studying procedure that occurs, this is indicated by (1) the shortage of readiness of college students whilst beginning lectures, particularly with signs that scholars frequently do now no longer carry the fabric to be discussed, carry the fabric frequently unread, and whilst requested to present assignments what's achieved at domestic has a tendency to be unwilling and not able to express their opinions, (2) the attitude

of students' dependence on lecturers' lectures (students prefer it if the lecturers lecture), the low quantity and quality of student questions, each lecturer finishes explaining one subject, a maximum of only 1 -2 students who gave *feed back*. In fact, it often happens in certain classes that no one asks at all, (3) the low ability of students to explain and argue both orally and in writing, and (4) students are not motivated to answer the lecturer's questions unless their name is called.

The issues mentioned above stand up because of numerous things. Based at the effects of observations, the reasons encompass 1) the preliminary capacity of college students continues to be lacking, 2) the lack of students' insight into the problem of language skills and literary appreciation. Based on observations, this is due to the lack of information obtained by students. Most of the information obtained only comes from online classes (lecturers), many of which do not remain in the students' memory. Students are less motivated to access information from various media such as: journals, scientific magazines, print and electronic media. Students still think that lecturers are the only source of learning. The third thing that causes the problem is the instructional model that has been going on so far, namely the conventional method: lectures, summarizing, as well as group discussions. Lectures are still teacher directed. The fourth causal issue is the to be had getting to know assets withinside the shape of textbooks, and maximum or all of the coaching substances nevertheless have a tendency to be theoretical. In the Indonesian Language Skills and Literary Appreciation course, the books to be had are only definitions associated with the subject with out causes and examples, each illustrations and actual examples. The various learning approaches above have been applied in various ways, but the results are still not effective and have not been able to make the Onesiesia Language Skills and Literary Appreciation courses fun and interesting for students. Another cause is the student's learning culture which tends to only memorize the material without further understanding its meaning.

Assessment of the exceptional of tutorial merchandise is first visible withinside the improvement of primary attitudes, which includes a systematic educational crucial mind-set and a willingness to retain to searching for the truth [2]. Therefore, the idea of training is now no longer decreased to a take a look at that simplest measures information switch, however is broader, overlaying the formation of abilities and primary attitudes, which includes criticality, creativity and openness to innovation and inventions. All of that is necessary so that scholars are capable of continue to exist and reply to the ever-evolving challenges. In this case, educators are required now no longer simplest as a switch of information, however greater than that, additionally they act as marketers of enlightenment. In April 2003, the Directorate General of Higher Education gave a mandate, one in all which was the utility of the precept of Student-Centered Learning (SCL) withinside the mastering process [3].

The quantity of coaching substances which are nonetheless theoretical in nature unconsciously and accidentally purpose the mastering method this is extensively practiced by teachers today, commonly withinside the shape of lectures. When attending lectures or being attentive to lectures, college students are restrained to know-how at the same time as taking notes. Lecturers emerge as the middle of the position in accomplishing mastering outcomes and appear to be the most effective supply of knowledge. The mastering sample of active teachers with passive college students has low mastering effectiveness. The effectiveness of scholar mastering is usually restrained, happening withinside the final moments drawing close the exam. Learning this is carried out presently focuses on know-how the fabric most effective. From the technique carried out, college students do now no longer have a photo of the utility of the fabric withinside the enterprise world. Therefore, current coaching substances and contemporary mastering techniques have now no longer been capin a position to hone college students'

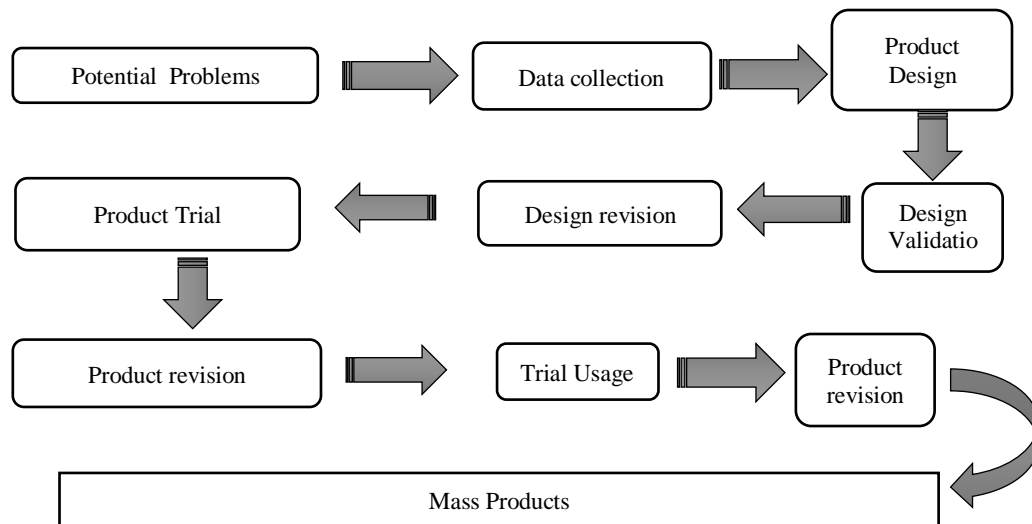
analytical skills, sensitivity to troubles, exercise problem fixing and the cappable to assess troubles holistically.

In connection with the problems described above, the teaching materials developed to be applied to the Indonesian Language Skills and Literary Appreciation courses are Case Method and Project Base-Based E-Module Development. With the E-Module Based on Case Method and Project Base, it is hoped that the learning model applied is also Project Base based. The main reasons for the development of the Case Method and Project Base-Based E-Module proposed in this lecture are (1) that teaching materials require illustrations of real cases in the application of science; (2) the available teaching materials are still based on theory, and (3) build strong reasons for students to learn to understand, solve problems, apply the material in business practice.

Based on the heritage of the trouble above, the components of the trouble on this study is 1) How is the professional check concerning the E-Module product primarily based totally on Case Method and Project Base for Indonesian Language Skills Course and Elementary Literature Appreciation for Department of Elementary School Teacher Education, Universitas Negeri MedanStudents? 2) How is the effectiveness of the Indonesian Language Skills Course and the Appreciation of Elementary School Literature via way of means of the use of the Case Method and Project Base-Based E-Book Teaching Materials for Department of Elementary School Teacher Education, Universitas Negeri MedanStudents?

## **2. Methods**

This studies makes use of studies and improvement strategies or regularly referred to as Research and Development (R&D). Research and improvement is a studies approach to expand and take a look at merchandise in the sector of education. Functioning to locate essential phenomena is done via simple studies. Then for studies on instructional practices, applied studies is conducted. Sugiyonostated that R&D studies is a studies approach used to supply positive merchandise, and take a look at the effectiveness of those merchandise [4]. In order to supply a product, it is essential to apply studies that could be a desires evaluation to check the effectiveness of the product in order that it could feature for the broader community, so studies is wished to check the effectiveness of the product. In studies and improvement, that is longitudinal, which means that it's far done in stages. This studies and improvement approach, further to getting used withinside the herbal sciences and engineering divisions, also can be utilized in different fields of science. This studies is appropriate for product improvement. In growing the R&D studies approach, the researcher evolved 10 steps of Borg and Gall improvement.



**Fig. 1.** R&D Research Steps

The area of the studies turned into completed in the Department of Elementary School Teacher Education, Universitas Negeri Medan, which turned into placed on Jl. Willem Iskandar / Pasar V, Medan, North Sumatra – Indonesia Postal Box 1589, Postal Code 20221, Tel. (061) 6613365, Fax. (061) 6614002 / 6613319. The populace of this studies is all college students of PGSD Unimed 2021 totaling 225 college students which includes 11 (AK) normal and extension classes. The pattern of this studies turned into completed in a category software and one magnificence turned into chosen, particularly the Regular J magnificence 2021, which amounted to 22 college students. Data series strategies on this examine the use of observation, interviews, questionnaires.

The tool is used to acquire records for the duration of E-Module improvement process Based on Case Method and Project BaseLanguage Skills and Literary Appreciation CoursePrimary schoolin the shape of a questionnaire.Data series on this take a look at used units that had been divided primarily based totally at the supply of records acquisition together with validation units from fabric specialists and layout specialists.

Expert validation sheet is one of the research instruments used to measure the feasibility of E-Module Based on Case Method and Project BaseLanguage Skills and Literary Appreciation CoursePrimary school. The validation sheet is given to design experts and materials expertsLanguage Skills and Literary AppreciationPrimary school.

**Table 1.** Design Expert Validation Questionnaire Grid

No	Indicator	Item Number
1	Aspects of content or content	1, 2, 3
2	Aspects of design or appearance	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21.
3	Aspects of use and presentation	22, 23, 24, 25, 26
4	Language Aspect	27, 28, 29, 30

The questionnaire grid for material expert validation is as follows:

**Table 2.** Material Expert Validation Questionnaire Grid

No	Indicator	Item Number
1	Aspect of material load	1, 2, 3
2	Aspects of material presentation	4, 5, 6, 7
3	Language Aspect	8, 9, 10

The information acquired then the researchers analyzed qualitatively and quantitatively. Qualitative information on this look at may be withinside the shape of complaint and suggestions recommend with the aid of using cloth professionals and layout professionals. The information is then analyzed as a foundation for enhancing and understanding the feasibility of the ensuing product. This quantitative research is the data from the assessment using a scoring scale.

This quantitative facts may be acquired from the validation consequences through media specialists, layout specialists and product wearers. The score scale makes use of a Likert scale with 5 choices (5 scale). Widoyoko defined that the primary precept of the Likert scale is to decide the region of a person's role in a quantum of mindset in the direction of the item of mindset starting from very bad to very positive [5]. Determination of the region is accomplished through quantifying a person's reaction to the statements/questions provided. The consequences of the validation of layout, fabric and value specialists are performed through scoring, specifically a rating of one for a awful assessment, a rating of two for an unfavourable assessment, a rating of three for a reasonably proper assessment, a rating of four for a terrific assessment.

### 3. Results

The outcomes of the have a look at have been performed through validating media specialists and cloth specialists. Media validation is performed to discover and examine systematically the gadgets and media merchandise advanced in line with the objectives. Validation of E-Module merchandise primarily based totally on Case Method and Project Base Courses for Indonesian Language Skills and Literature Appreciation Elementary Schools is performed through one cloth professional lecturer and one media professional lecturer. The end result is withinside the shape of enter and recommendations that researchers can use to end up the premise for enhancements to the product to be advanced in order that it could be used withinside the lecture procedure. In this have a look at, the validation procedure performed through 2 teachers as media professional validators and cloth professional validators who have been Medan State University Lecturers, specifically as follows:

**Table 3.** Validator Lecturer Name

	Lecturer Name	Position	Despera tion
1	Natalia Silalahi, M. Kom.	Teacher Education Lecturer and Elementary School	Media Expert
2	Faisal, S.Pd, M.Pd.	Teacher Education Lecturer and Elementary School	Material Expert

### Media Expert Validation Instrument Results

The media validation instrument is one of the assessment tools carried out for the media to be developed, namely the Case Method-Based E-Module and Project Base Course for Indonesian Language Skills and Elementary School Literature Appreciation conducted by media expert lecturers. The lecturer who validated at the media expert stage was Natalia Silalahi, M.Kom. who is one of the Lecturers of Teacher Education and Elementary Schools at the State University of Medan as a computer lecturer. Validation is carried out aiming to get suggestions and criticisms in order to improve the product that will be developed in this research so that it becomes a quality e-module and is suitable for use in the lecture process. This validation is carried out in one stage, namely: The first stage is an assessment of media validation by Mrs. Natalia Silalahi, M.Kom.

The results of the first instrument can be seen in table 4 below:

**Table 4.** Media Expert Validation Results

Validator	Total Score	Percentag	Criteria	Eligibility Level
Natalia Silalah M. Kom.	124	92%	Very good	Very Worthy

The consequences of the studies through media experts performed through Mrs. Natalia Silalahi, M.Kom.withinside the first degree acquired a rating of 124 with a percent of eligibility is 92%. The E-Module Based on Case Method and Project Base Course of Indonesian Language Skills and Elementary School Literature Appreciation that turned into advanced is blanketed withinside the "Very Good" standards with a "Very Eligible" eligibility level. According to the Validator Lecturer, the advanced e-module is right and viable to apply without any revision.

### Material Expert Validation Instrument Results

Validation turned into finished concerning aspects of gaining knowledge of, language, implementation, and completeness of the media used to aid the gaining knowledge of process. The cloth professional on this validation is Mr. Faisal, S.Pd, M.Pd. who's an Elementary School Teacher Education Lecturer for the Indonesian Language Education Course on the State University of Medan. This validation is achieved with a view to enhance the product or media on the way to be developed via way of means of getting pointers and criticism. So that the ensuing product may be possible and of accurate first-rate for the usage of the lecture process. The cloth professional validation is finished in stages, namely: The first level is an evaluation of cloth validation via way of means of Mr. Faisal, S.Pd, M.Pd. with the intention to be held head to head on Wednesday, August 24, 2022.The effects of the primary device may be visible in table 5 below:

**Table 5.** Material Expert Validation Results Phase I

Validator	Total Score	Presentation	Criteria	Eligibility Level
Faisal, S.Pd, M.Pd	96	68.6%	Well	Eligible with Revision

The outcomes of cloth professional research carried out through Mr. Faisal, S.Pd, M.Pd. within the first stage, it received a rating of ninety six with the proportion of feasibility outcomes being 68.6%. The developed e-module is covered within the "Good" standards with the "Eligible with Revision" eligibility level. The recommendation given through the validator lecturer is that the hassle within the e-module remains now no longer seen and the tasks given to college students may be carried out in groups.

Based on the recommendation given via way of means of Mr. Faisal, S.Pd., M.Pd., the e-module can be stepped forward in line with the recommendation of the material professional validator. The following is the second one level of validation that allows you to be hung on Tuesday, August 30, 2022 face to face. The following are the effects of the second one section of the E-Module-Based Case Method and Project Base validation tool for the Indonesian Language Skills and Literature Appreciation Course for Elementary Schools in Table 6 as follows:

**Table 6.** Phase II Material Expert Validation Results

Validator	Total Score	Present ation	Criteria	Eligibility Level
Faisal, S.Pd, M.Pd	96	85%	Very good	Very Worthy

The effects of the second one degree of validation evaluation on cloth professionals received a rating of 119 with a percent of 85% asibility effects. The Case Method and Project Base-Based E-Module Courses in Indonesian Language Skills and Literature Appreciation for Elementary Schools are blanketed in the "Very Good" class with a "Very Eligible" eligibility stage so they may be used with out revision. The effects of cloth professional validation from Mr. Faisal, S.Pd., M.Pd. received one of a kind chances and confirmed upgrades in the goods to be developed.

### Product Implementation Stage

Implementation became done on Tuesday, September 13, 2022, consistent with the lecture agenda for the Elementary School Language Skills and Literature Appreciation Course which had simply entered the Odd semester 2022/2023 so it needed to comply with the prevailing agenda. Based on the outcomes of the implementation to magnificence J 2021 college students, totaling 22 people. The following are the outcomes of the check to college students which became done immediately within the study room on Tuesday, September 13, 2022, in table 7 as follows:



**Table 7.** Test Results of E-Module Based on Case Method and Project Base Courses Indonesian Language Skills and Appreciation of Elementary School Literature in Student

Sample	Total Score	Presentation	Criteria	Eligibility Level
22 Students	1587	96.2%	Very Well	Very Worthy

The results of the trial assessment carried out to class J 2021 PGSD students, totaling 22 people, obtained a score of 1587 with an average of 72.1 and also obtained a percentage of 96.2%. The E-Module Based on Case Method and Project Base Course of Indonesian Language Skills and Elementary School Literature Appreciation that was developed has been included in the "Very Good" category with the feasibility level being at the "Very Eligible" level to be given to students.

#### 4. Discussion

This studies makes use of studies and improvement techniques or regularly known as Research and Development (R&D). In developing the R&D studies method, the researcher evolved 10 steps of Borg and Gall improvement, specifically 1) Potential and Problems, 2) Data Collection, 3) Product Design, 4) Design Validation, 5) Design Revision, 6) Product Trial, 7) Product Revision, 8) Usage Trial, 9) Product Revision, and 10) Mass Product. The feasibility of the problem-primarily based totally learning-primarily based totally e-module media is received from the outcomes of the feasibility take a look at facts via way of means of media specialists and fabric specialists.

The statistics received from the effects of media professional validation carried out via way of means of Mrs. Natalia Silalahi, M.Kom. who's one of the Elementary School Teacher Education Lecturers in addition to a lecturer in Computer publications on the State University of Medan. The media professional validation become executed immediately on Wednesday, August 10, 2022 via way of means of obtaining a rating of 124 and a feasibility percent of 92%. With the rating above, the product or getting to know media is protected withinside the standards of "Very Good" with a feasibility degree of "Very Eligible" with none revision from the media professional validator lecturer. In line with the opinion of Atmosphere and Mahayukti observed that e-modules can enhance students' vital questioning skills and get effective responses from students. E-modules are taken into consideration to be modern due to the fact they are able to show complete, interesting, interactive, and interactive coaching materials.

The statistics acquired from the effects of fabric professional validation via way of means of Mr. Faisal, S.Pd., M.Pd who's an Elementary School Teacher Education Lecturer on the State University of Medan, became done immediately on Wednesday, August 24, 2022 via way of means of acquiring a rating of ninety six and the proportion of eligibility effects 68.6% that are already covered in the "Very Good" standards with a "Eligible with Revision" eligibility degree. Furthermore, the validation of the fabric professionals became done in the 2d level on Tuesday, August 30, 2022, which became done immediately via way of means of acquiring a rating of 119 and the proportion of eligibility effects of 85% covered in the "Very Good" class with a feasibility degree of "Very Eligible". In line with Lindawati's view, explains the Project Based Learning Learning Model is a studying version or method that knocks college students into sensible troubles via a stimulus in studying Project-primarily based totally studying college

students are educated to (1) be chargeable for what they are chargeable for, (2) verify plans paintings and paintings in line with the plan that has been made, (3) able in a healthful manner, (4) follow or are seeking for the application of the know-how that has been learned. Based on the reason above, it is concluded that Project primarily based totally studying is a studying version that trains college students to resolve normal troubles and trains college students to paintings in groups or groups [7].

The data obtained at the trial stage to the field are: J student 2021 amounting to 22 people was carried out directly on Tuesday, September 13, 2022 received a rating of 1587 and a feasibility percent of 96.2% which became covered in the "Very Good" category with a "Very Eligible" level of eligibility. In line with opinion Duch Project Base Learning can motivate students to be responsible for their work and challenge students to work intensively in finding solutions to real-world problems [8].

## 5. Conclusion

The conclusions of this studies are 1) to provide an E-Module product primarily based totally on Case Method and Project Base Course of Indonesian Language Skills and Literature Appreciation Elementary School with valid Department of Elementary School Teacher Education, Universitas Negeri Medan college students. The records acquired from the outcomes of media expert validation acquired a rating of 124 and the share of eligibility became 92%. Material professionals with 2 stages, level 1 acquired a rating of ninety six and the share of feasibility outcomes became 68.6% which became protected in the "Very Good" standards with a feasibility stage of "Eligible with Revision". Phase 2 acquired a rating of 119 and the share of eligibility outcomes of 85% became protected in the "Very Good" class with a feasibility stage of "Very Eligible". 2) The outcomes of the effectiveness take a look at of E-Module merchandise primarily based totally on Case Method and Project Base Courses for Indonesian Language Skills and Elementary Literature Appreciation for Department of Elementary School Teacher Education, Universitas Negeri Medan college students have been executed to J 2021 college students totaling 22 human beings with a rating of 1587 and the share of eligibility outcomes of ninety six.2% which protected in the "Very Good" class and it became concluded that the Case Method and Project Base E-Module merchandise for Indonesian Language Skills Courses and Appreciation for Elementary School Literature should enhance scholar getting to know results for 2021 Elementary School Teacher Education college students.

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