

## CHAPTER V

### CONCLUSIONS AND SUGGESTION

#### 5.1 Conclusions

Based on the results of the research that has been conducted on student perceptions of Artificial Intelligence (AI)-based learning in English Language Education students at Batanghari University, it can be concluded as follows:

1. In general, students have a positive perception towards the use of AI in learning. This can be seen from the average scores of the five main constructs - Engagement, Interaction, Satisfaction, Academic Performance, and Behavioral Intention - which are in the high enough category.
2. On the Engagement construct, students showed quite active involvement in the learning process with the help of AI. They felt that AI helped improve their concentration and engagement in class.
3. In the Interaction construct, students feel that AI facilitates more efficient and flexible academic interactions, both in understanding the material and accessing learning resources.
4. The Satisfaction construct shows that students are satisfied with the learning experience they get with the help of AI, especially in terms of convenience, effectiveness, and efficiency of learning.
5. Students also show a positive perception of AI's contribution to improving their academic performance, as reflected in the Academic Performance construct.
6. On the Behavioral Intention construct, students showed a desire to continue

using and recommending AI technology as part of the learning process in the future.

7. The ANOVA test results show that there are significant differences in student perceptions based on semester. Students in semester 6 showed the most positive perception, followed by semester 4, and the lowest was semester 2 students.

## 5.2 Suggestion

1. For Lecturers and Educational Institutions: It is expected to maximize the use of AI technology in the learning process by paying attention to the level of readiness and needs of students from various semester levels. Training or orientation on the use of AI for early semester students can be a strategic step.
2. For Students: It is recommended to continue to explore and optimally utilize AI technology as a learning tool. The more students become familiar with the use of AI, the greater the benefits that can be obtained in their academic development.
3. For Future Researcher: This research can be used as a basis for developing further studies on the effectiveness of AI-based learning with a wider scope of respondents or a mixed-method approach to explore more in-depth data.