

## CHAPTER V

### CLOSURE

#### A. Conclusion

From the results of research that has been done by researchers with the title thesis “Challenges And Barriers On The Use Of ICT In Online Learning” can be concluded:

1. The types of application the pre-service teachers used there are Zoom Meeting, Google Classroom, WA group, Google Meet, Canva, Google Form, YouTube, Quizizz and Madrasah E-Learning.
2. From the data found, there are five challenges in using ICT during online learning namely, management class, preparing creative teaching materials, how to explain the material to the students, time management and mastery of application usage. Then there are three barriers to the use of ICT that are felt by pre-service during online learning namely, insufficient smartphone capacity, unstable network and economic issue.
3. The alternative solution to overcome challenges there are make decisions as wisely as possible, learn to improve teaching skill and learn to manage time well. And then to overcome the barriers there are communicating with the among teacher, prepare plan B, prepare teaching material and improve skill.

#### B. Suggestions

Finally, the researcher will give some suggestions based on the results of the research and the conclusions above:

1. For The Pre-service Teachers

- a. The teachers should be able to quickly adapt to the state of the educational environment. In the case of a pandemic that requires teachers to teach online, teachers are also required to be able to master various kinds of learning applications.
- b. Prepare materials or teaching materials as much as possible so that when conveying to students, teachers are able to convey them well.
- c. The teacher must also have a plan B, so when the initial plan doesn't go well, the teacher already has a way to deal with it.

2. For The Students

Prepare whatever is needed during online learning which takes place two days or one day before learning begins. Such as setting up a quota, looking for a place that has adequate internet access and don't let smartphones be used while the learning process is in progress.

3. For The Next Researcher

Hopefully this research can help future researchers as a reference for similar research. And the researcher hopes that there will be further research that can further develop the topic of ICT and online learning. It is not only limited to pre-service teachers, but can be broader.