**CHAPTER IV**

**RECOMMENDATIONS**

This chapter presents how objectives are obtained and the recommendations for improving the study. After conducting the study, through continuous research and getting a better grasp on how a farm of this scale operates, the researchers were able to identify the following objectives: First, to determine an accurate and more efficient way to record important information on chicken production, egg production, and farm inventory. Second, to determine the processes involved in monitoring and managing said chicken and egg production and farm inventory. Lastly, to gather and identify relevant poultry farm data on administering vaccines and medicines. In obtaining the objectives, the researchers conducted interviews with the owner and the workers of Arlin’s Farm, all experienced in farm operation, regarding processes on recording and monitoring farm data. These objectives allowed the researchers to design and develop an application that could potentially improve and streamline the manual process of Arlin’s Farm in terms of managing farm data.

To further enhance the developed system, the researchers recommend the following:

1. Adding a finances module to monitor the farm’s total sales and expenditure, and determining a Return of Investment.
2. Upgrade the system’s scheduling of vaccination and medications where in schedule is automatically updated.
3. Designing and developing an offline-first approach mobile application version of Arlin’s Farmville.
4. Expand the system’s notification functionality, such as incorporating clearer system prompts, text messages, or phone alerts from a purchase of egg or chicken products, a completed schedule, a reorder point on an item in need of replenishing, or other relevant processes.
5. Add other items in the inventory such as the farm supplies, which can consist of egg boxes used per egg batch and the like.