CHAPTER 3
RESEARCH METHODOLOGY

This application completed in several stages, namely:

3.1 Finding and Learning The Materials
Finding doubly linked list materials and learn how doubly linked list works. This project implements how to add node and store data into linked list, delete, search, and sort nodes. The programming language used in this project is JavaScript with OOP (Object Oriented Programming) model. This application uses HTML5 for create the visualization using canvas. This stage also learning about how to draw a canvas using HTML5 combined with JavaScript programming language.

3.2 Design
Design the user interface and how the application works.

3.3 Implementation
Implements the design using JavaScript programming language combined with HTML5 to store the data into doubly linked list data structure.

3.4 Testing
Test how the features from this application work.