CHAPTER 3 ANALYSIS AND DESIGN

A. General Description

Mockup user interface design created is about mushrooms. This section explains the design of the application system and the design of the application. The application made is an application about mushrooms in Indonesia contains recipes of mushrooms in Indonesia. This app contains various types of mushrooms, recipes, shopping lists, and articles about mushrooms.

B. Workflow

The Workflow illustrates how this app works in sequence.

Figure 17 Workflow

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C. Use-case Diagram

The use case diagram illustrates the functionality of the built system. So that the system users we create can be understood about how the usefulness of the system to be built in outline.

D. Wireframe Interface Design

1. Main Interface/ Splash

The first will show when you open this app.
2. Sign In/Sign Up

Information:

a. Figure 20 Sign In/Sign Up: The second view in an application, that is for sign in or sign up, you can choose to sign with facebook, google, or make a new account.

b. Figure 21 Sign Up: For sign up with email and you have to fill in the existing data Profile Picture, Name, Location, Email, Password.

c. Figure 22 Log In: If you already have an account.
3. **Home**

Home contains Posting about recipes of mushrooms sorted by favorite, and there are search feature, menu, and notifications.

Information:

a. Icon Menu

b. Icon Notification

c. Text box for searching dish you want make it
4. **Menu**

Menu contains profile, mushroom; edible and inedible, recipes, favorite, article, about, setting, log out.

![Wireframe Menu](http://digilib.mercubuana.ac.id/)

**Figure 24 Wireframe Menu**

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a. **Wireframe Profile**

![Wireframe Profile](http://digilib.mercubuana.ac.id/)

**Figure 25 Wireframe Profile**

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b. Mushroom

1) Edible Mushroom

![Figure 26 Wireframe Edible Mushroom](http://digilib.mercubuana.ac.id/)

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2) Inedible Mushroom

![Figure 27 Wireframe Inedible Mushroom](http://digilib.mercubuana.ac.id/)

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c. Recipes

![Recipe Image]

**Figure 28** Recipes

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d. Shopping

![Shopping List Image]

**Figure 29** Shopping list

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e. Favorite

![Figure 30 Favorite](http://digilib.mercubuana.ac.id/)

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f. Article

![Figure 31 Article](http://digilib.mercubuana.ac.id/)

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5. Notification

Figure 32 Notification

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