

CHAPTER 4

ANALYSIS AND DESIGN

4.1 Desain

4.1.1 DFD Admin

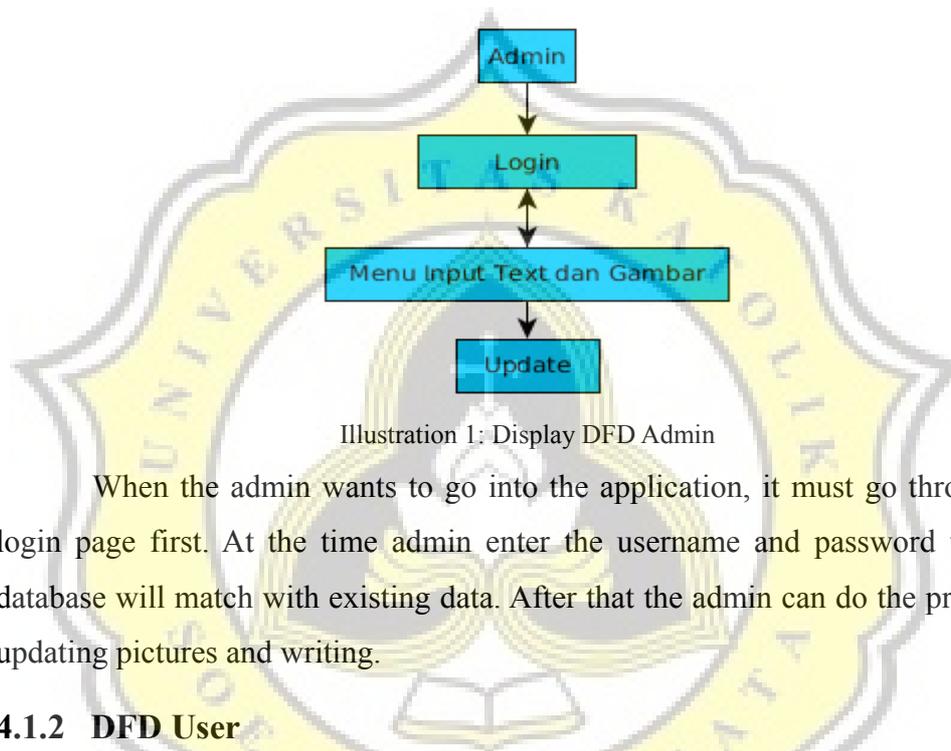


Illustration 1: Display DFD Admin

When the admin wants to go into the application, it must go through the login page first. At the time admin enter the username and password then the database will match with existing data. After that the admin can do the process of updating pictures and writing.

4.1.2 DFD User

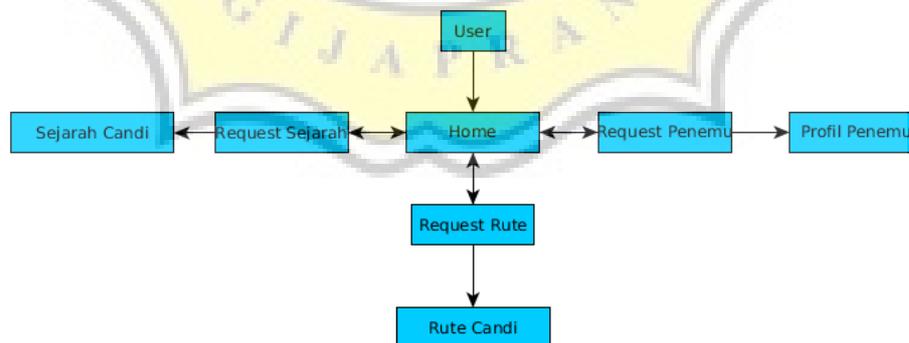


Illustration 2: Display DFD User

When the user opens the application, then right on the home menu. On the home menu has 3 icon menu: profil, sejarah and rute. When the user opens the

menu of the profile, the application will ask for the consent of the user to know the location of the user that is used to determine the route.

4.1.3 Database dbCandi

Table 1: Display Table tbluser

tbluser	
iduser	int(11)
usr	varchar(255)
passwd	varchar(255)

Tbluser is a table that contains data about the admin username and password. The data used to perform admin login process. Password and username used to login is "admin".

Table 2: Display Table tblurutan

tblurutan	
idurutan	int(11)
nmurutan	int(11)
keterangan	text

Tblurutan function to save a sequence marker on the floor plan of the canvas, so that at the time of the update process the images or text, the admin can choose which marker will be updated.

Table 3: Display Table tblfile

tblfile	
idfile	int(11)
lokasifile	varchar(255)
idurutan	int(11)
nmfile	int(11)
status	int(11)

Tblfile is used to store the image data on the functioning description the floor plan in order to avoid overlapping the image name so it makes it easy for Admins to perform the update process pictures.

4.1.4 Chart Menu

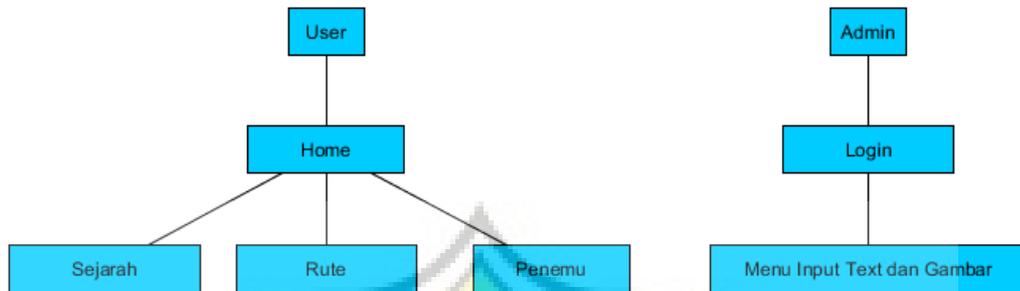


Illustration 3: Display Chart Menu

Flow user menu starts from home that contain floor plans, pictures of dah an explanation of anything that is in gedong songo. then there are 3 other menu IE History describes the history of gedong songo, the profile that contains the profile of the inventor of gedong songo and the last one is the route of the route of the user position heading to gedong songo.

4.1.5 Table Relation



Illustration 4: Display Table Relation

Table relation contains about relationship between table one with other table. PK or Primary Key on the tblfile table is idfile while on table tblurutan PK is the idurutan, liaison the two tables are idurutan also called FK or foreign key.