

DFD and
STRUCTURE CHART
FOR IMAGE CAPTION
GENERATOR

DFD

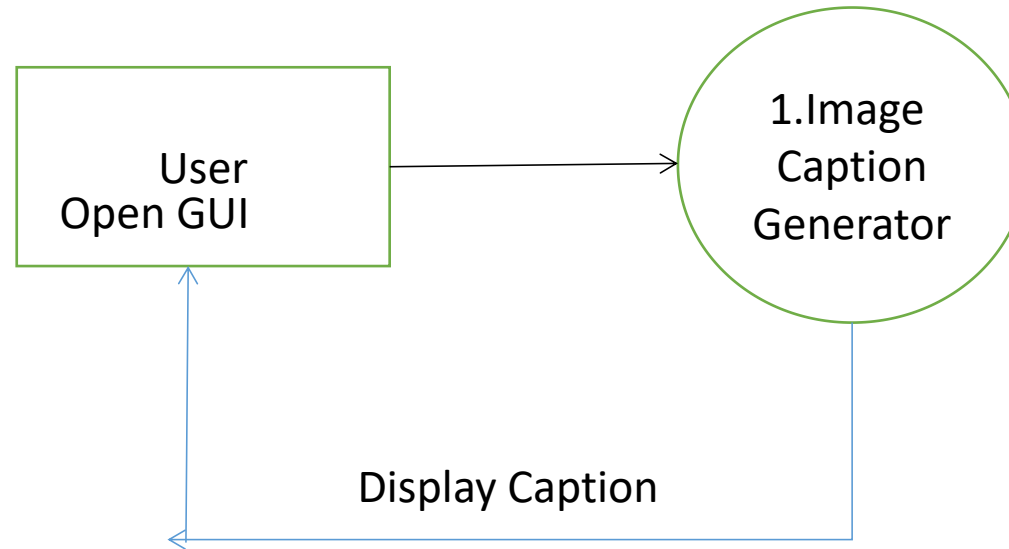


Fig1: DFD diagram Level 0

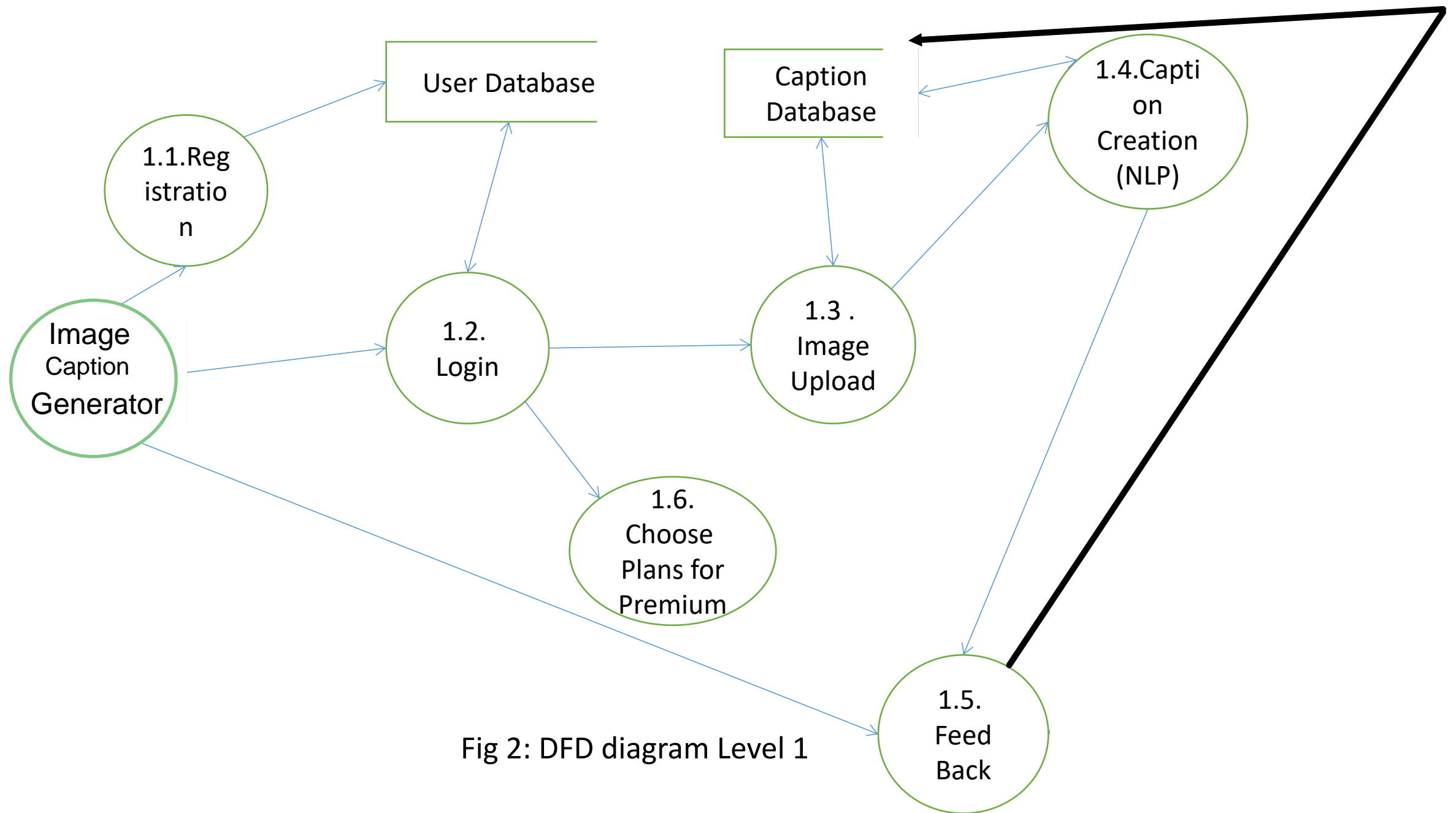


Fig 2: DFD diagram Level 1

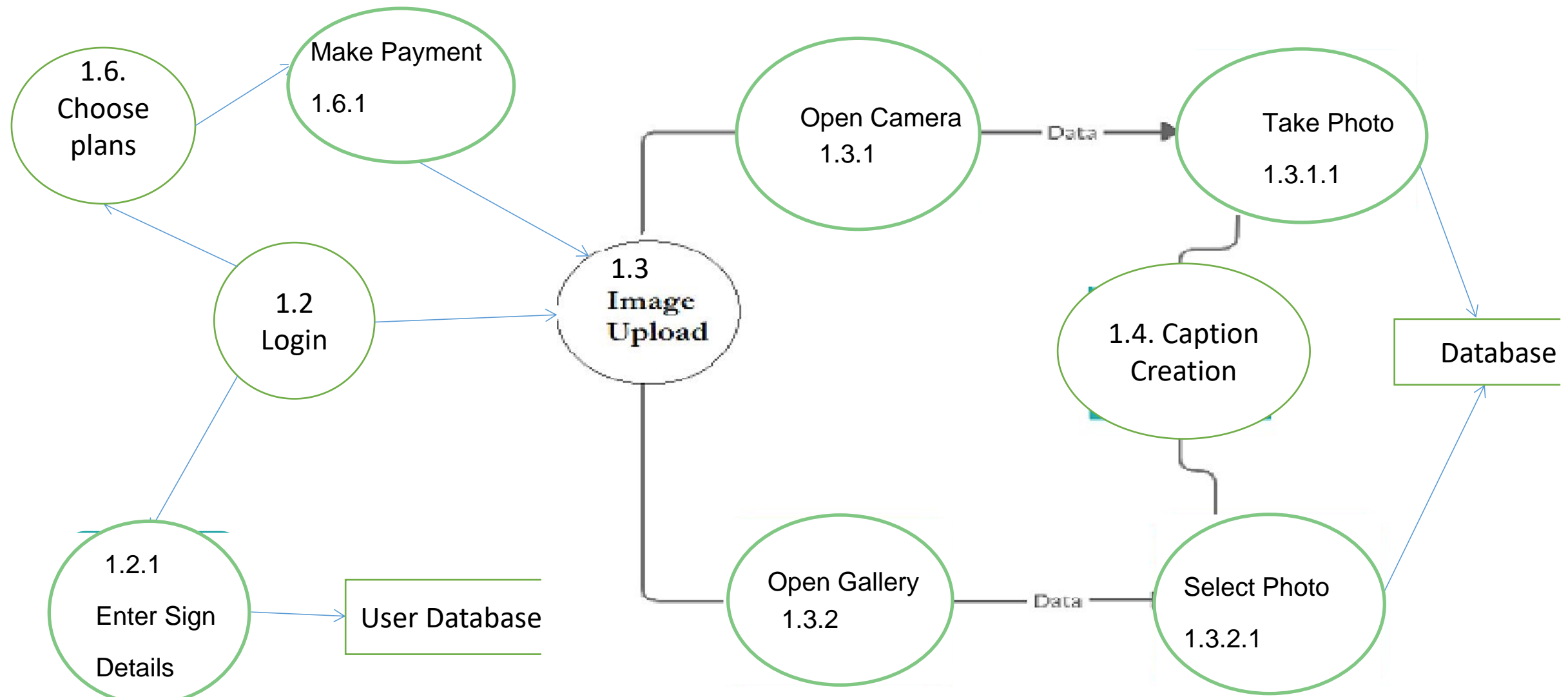


Fig 3: DFD diagram Level 2

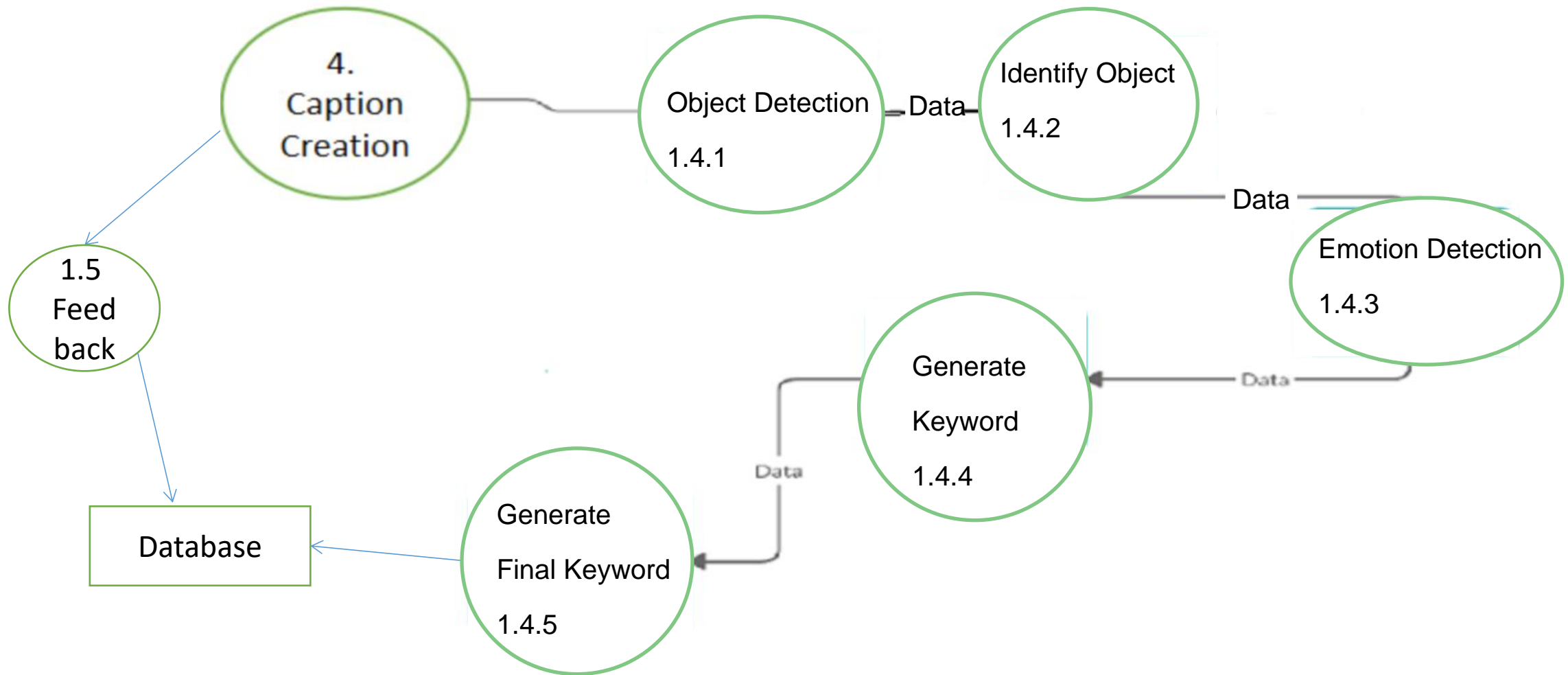
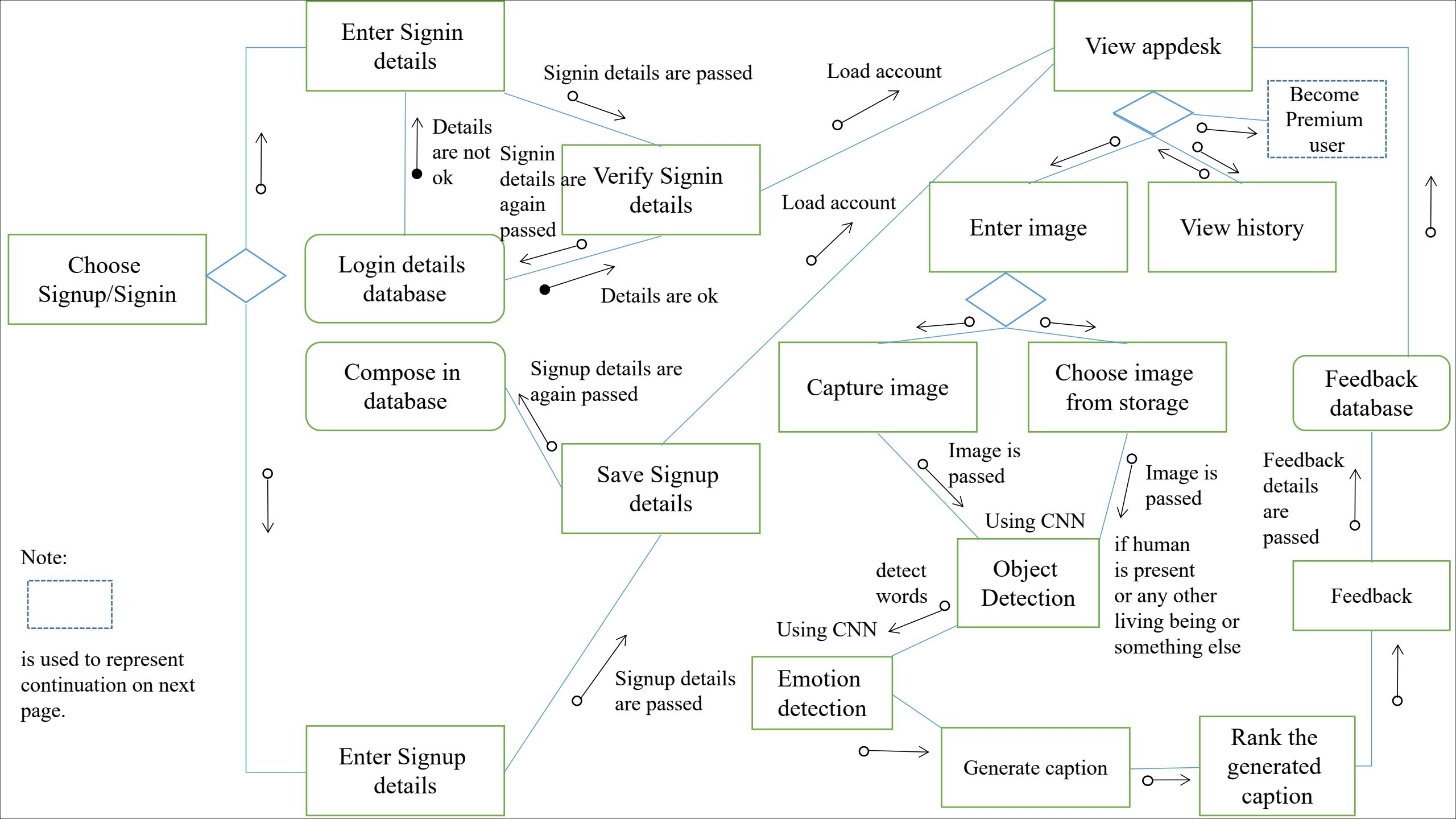
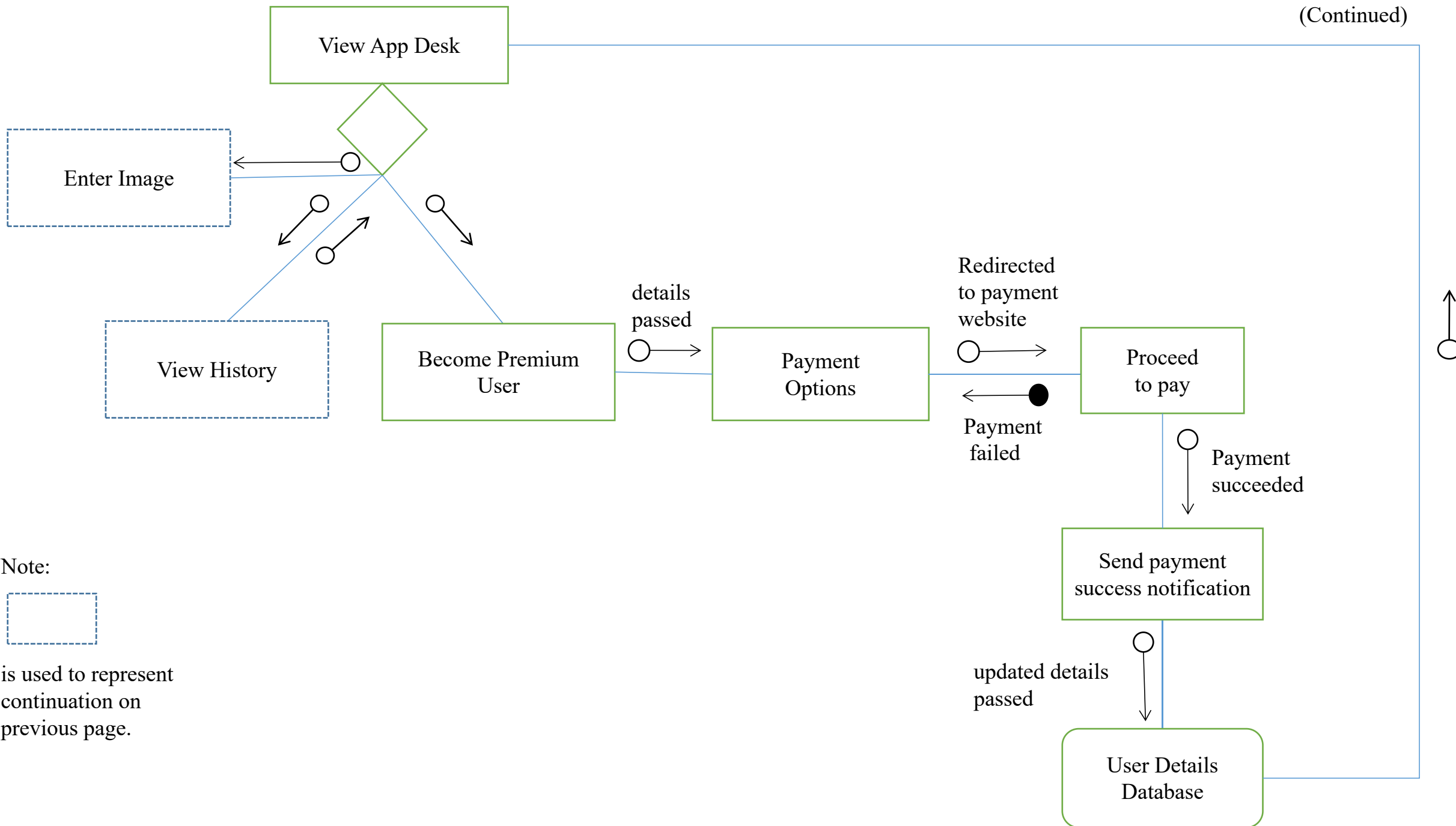



Fig4 : DFD Level 2

STRUCTURE CHART





Note:

 is used to represent continuation on previous page.

Data Dictionary

Field name	Data type	Field length(Max)	Constraint	Description
First name	Varchar	30	Not Null	For storing the first name of the user
Last name	Varchar	30	No constraint	For storing the last name of the user
Gender	Varchar	1	Not Null	Stores the gender of the user
Email id	Varchar	50	Primary key	Stores the unique email id of each user and will be used for sign in
Mob no	Varchar	10	Check,Not Null	Stores the mobile no and will check whether the length of the mobile no is 10 or not.
Password	Varchar	15	Check,Unique	After the password satisfies the given condition,it will be stored and used for sign in
Re password	Varchar	15	Check,uique	If re password does not matches with the password then error message will be displayed
User type	Varchar	1	Not Null	It will store whether the user is general user or premium user
Count	Integer	5	Not Null	It will count the no of captions generated by the user
Image	Medium Blob	16 MB	Not Null	Will store the image fed by the user and maximum size should not exceed 16MB
Caption	Varchar	200	Not Null	Will store the caption generated
Feedback	Varchar	100	IS Null	Will store the feedback.