**Algorithm Process Model:**

Step 1: Start

Step 2: Create **void login()** to display login system and **void setpass()** to set a password

For frist time.

Step 3: Created **void menu1()** to display Menu Category.

Step 4: In Menu Category there are 4 Option to Select.

Step 5: User’s Area will Call **void menu2()** , Administrator Area will call **void menu3()** ,

Change Password will call **void chp()** to change password and **Exit** will Shut down the

Application.

Step 6: In **void menu2()** There are few category for Patient for their Information.

* **Void book\_seat()** added to process register a patient for future treatement.
* **void patient\_register ()** is stand for information of a patient who is previously

registred.

* **void patient\_cost()** to add all the expenditure are used for patient in

his/her treatment purpose.

* To view the individual patient details there is a search option, the function

void **patient\_details()** prosses the searching option to view details.

Step 7: In **void menu3()** there is Admin Pannel.

-void doctor() to see doctor list in hospital.

-void add\_doctor() to add new doctor name in doctor list.

-void medicine() to see medicine list.

-added **total earn , statistic** , **profit** function binding with switch case in **void choose3()** to implement menu.

Step 8: Few prompt function **void prompt\_patient(),void prompt\_book(),void**

**prompt\_details(),void prompt\_c(),void main\_menu(),void prompt\_doctor()**

added to process notification to go previous page or finalizing the function process.

Step 9: The final function **Exit** will show down all the process.

Step 10: End.