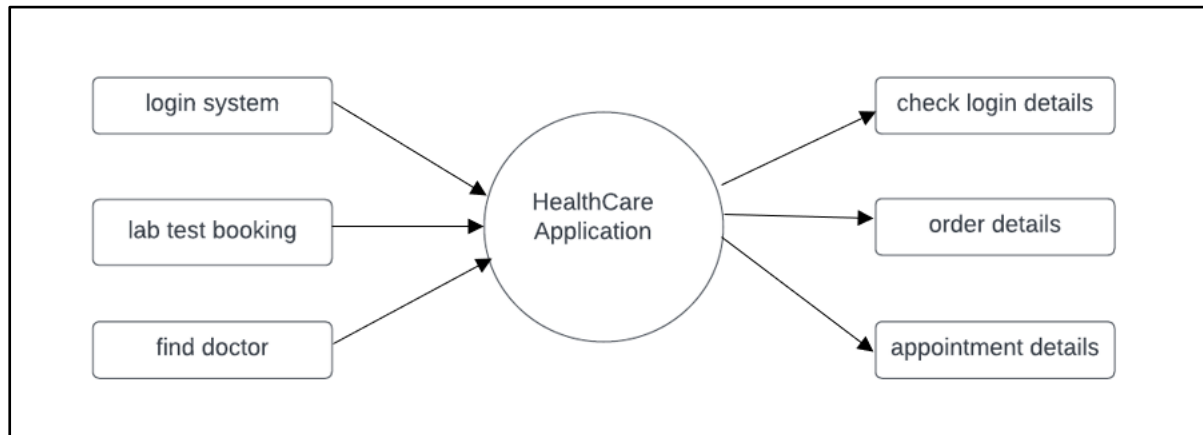


- **DFD Diagram**



- **Test Cases**

Test case ID	Condition	Test	Expected Output	Result
Tc-01	If(pass= ="db.checkPass()")	Pass=correct password	Login successful	Pass
Tc-02	If(pass= ="db.checkPass()")	Pass=incorrect password	Login denied	Pass
Tc-03	If(Email= ="db.checkEmail()")	Email=valid email	Display success toast	Pass
Tc-04	If(Email= ="db.checkEmail()")	Email=invalid email	Display toast	Pass

Tc-05	If(user= ="db.checkUser().matches(regular expression)")	User=valid	Display success toast	Pass
Tc-06	If(user! ="db.checkUser().matches(regular expression)")	User=invalid	Display toast	Pass