BANGLADESH UNIVERSITY OF PROFESSIONALS (BUP)

DFD Level 0, 1, 2

Project Title: Blood Donation Portal

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5.	Title of the Project:	Blood Donation Portal
6.	Course title:	Software Engineering Laboratory
7.	Course code:	3206

Project Name: Blood Donation Portal
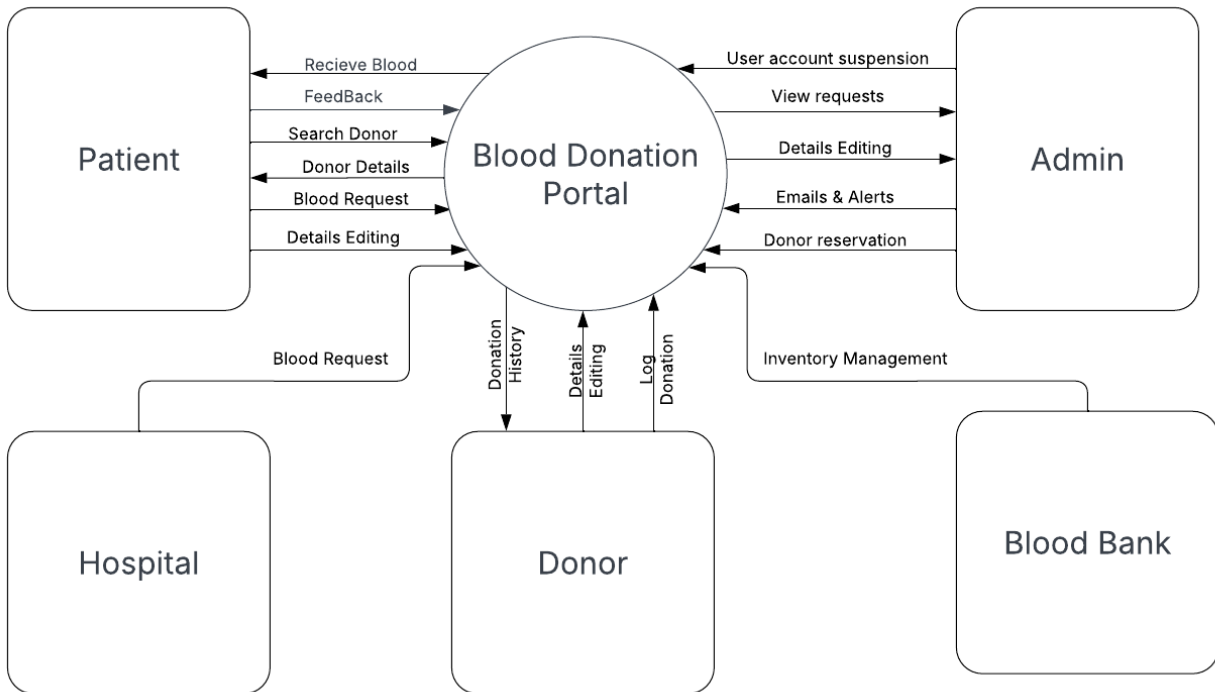**Symbol method used:** Yourdon and Coad
DFD level-0:

Fig-1: Level-0 DFD

External entities are: Patient, Donor, Admin, Hospital, and Blood Bank
This level is also called the context diagram, which depicts the entire operation of the system.
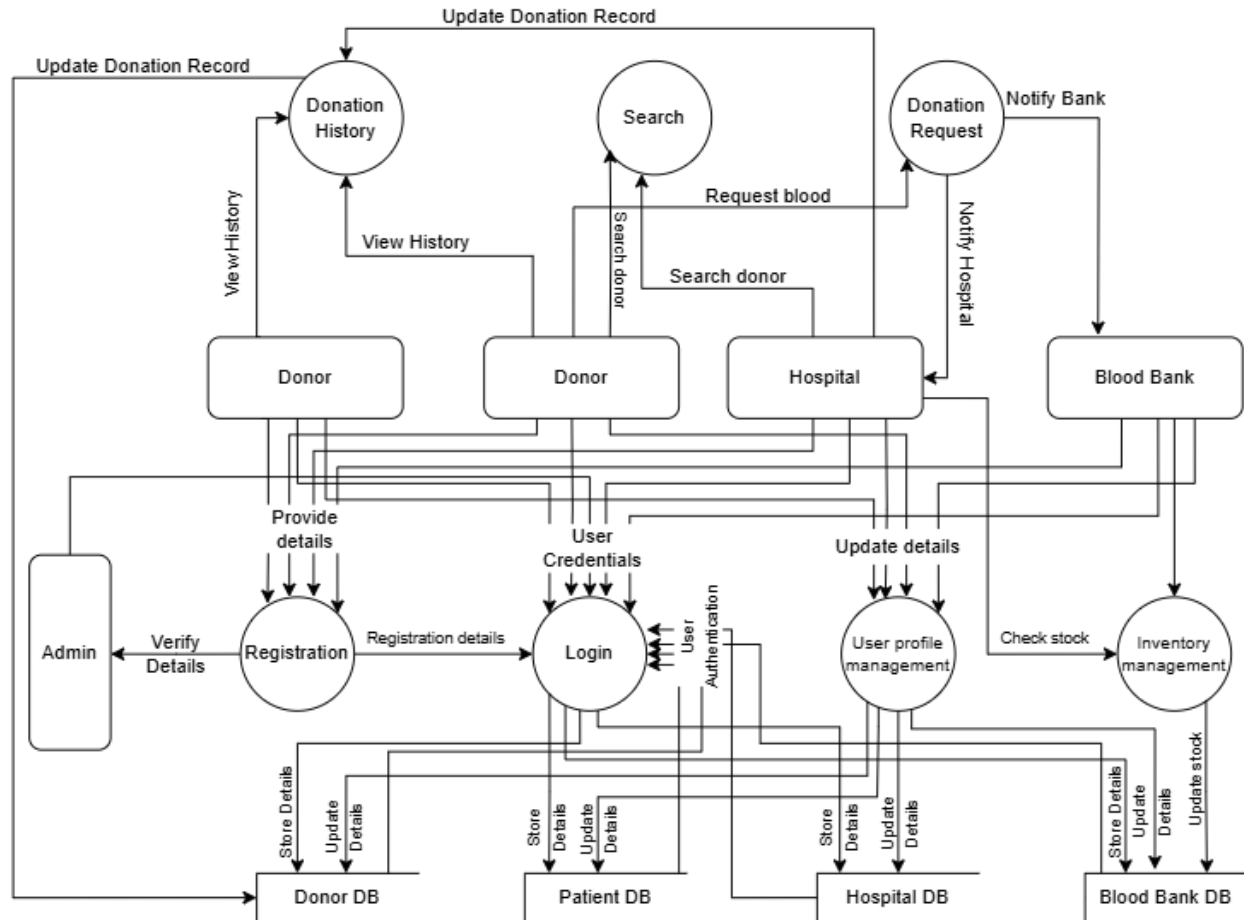
DFD level-1:

Fig. 2. Level-1 DFD

External entities are: Patient, Donor, Admin, Hospital, and Blood Bank
Processes: Registration, Login, Search, Donation Request, User Profile Management, Inventory Management, and Donation History
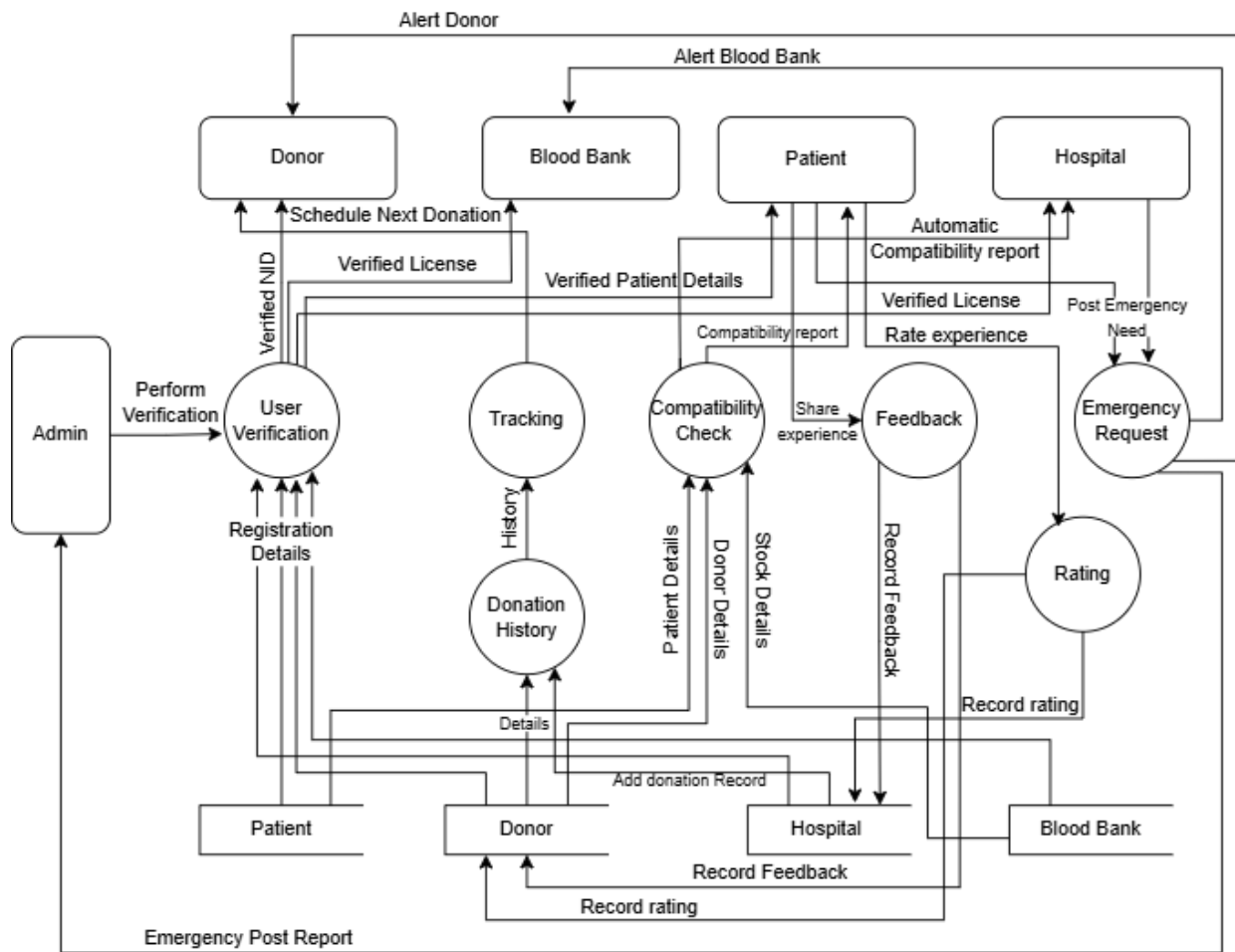
DFD level-2:

Fig. 3. Level-3 DFD

External entities are: Patient, Donor, Admin, Hospital, and Blood Bank
Processes: User verification, Tracking, Compatibility check, Rating, Feedback, Emergency Request