

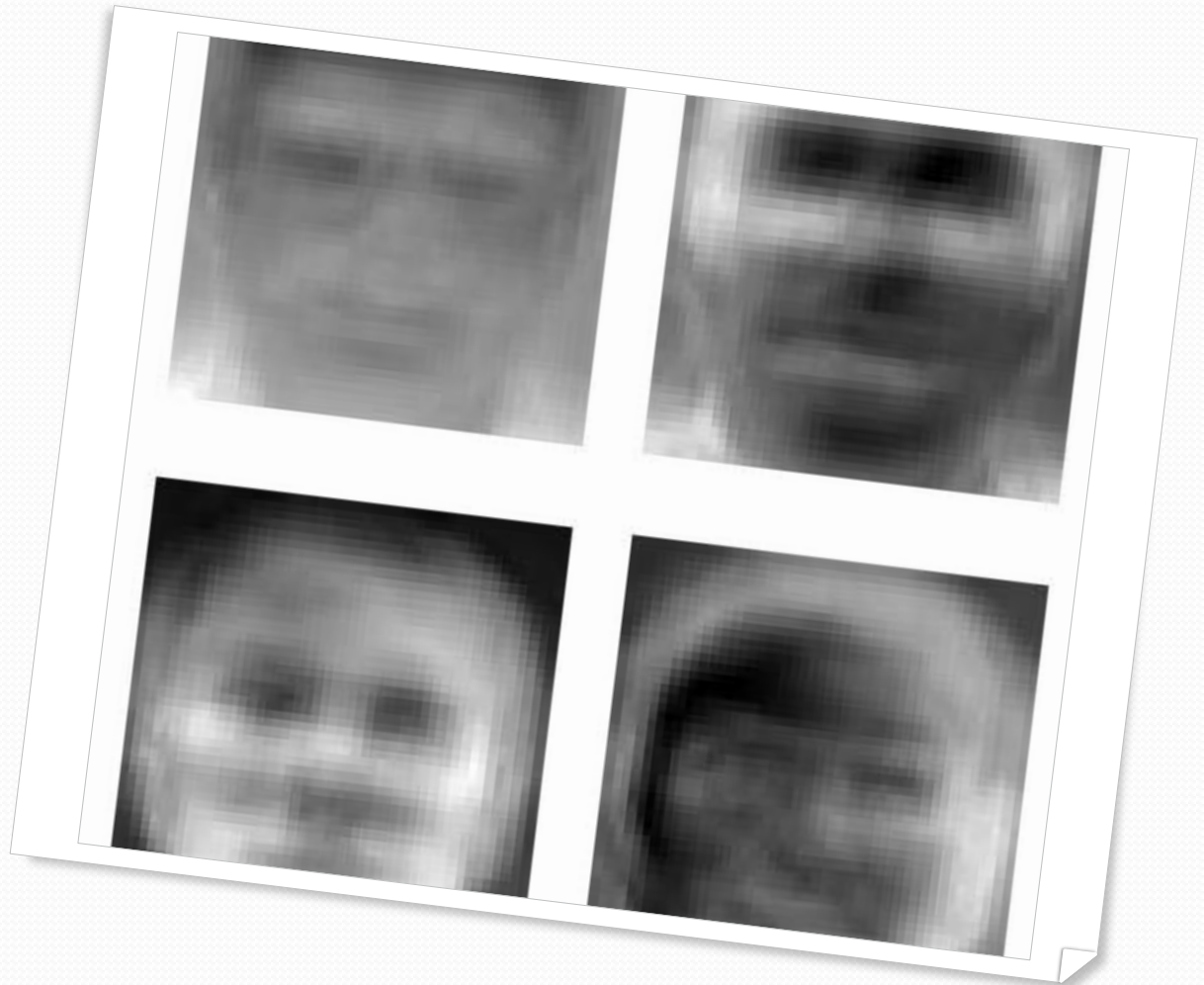
FACE RECOGNITION SYSTEM

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Online Shopping System

This is the first step where the system locates and identifies human faces in images or videos. It uses algorithms to distinguish between faces and other objects.

- ❑ Face Alignment
- ❑ Feature Extraction
- ❑ Decision Making





Introduction

- Security and Access Control:
- Law Enforcement and Surveillance:
- Financial Services:



Description

- The system begins by detecting human faces within an image or video feed
- Once a face is detected, the system performs face alignment to standardize its position
- The system extracts distinctive features from the face, such as the distance between the eyes

Modules

Priviledge	Admin	User
Add Item	Y	N
Update Item	Y	N
Delete Item	Y	N
Add Offer	Y	N
DB-Acess	Y	N
View	Y	Y

Fullfilmment

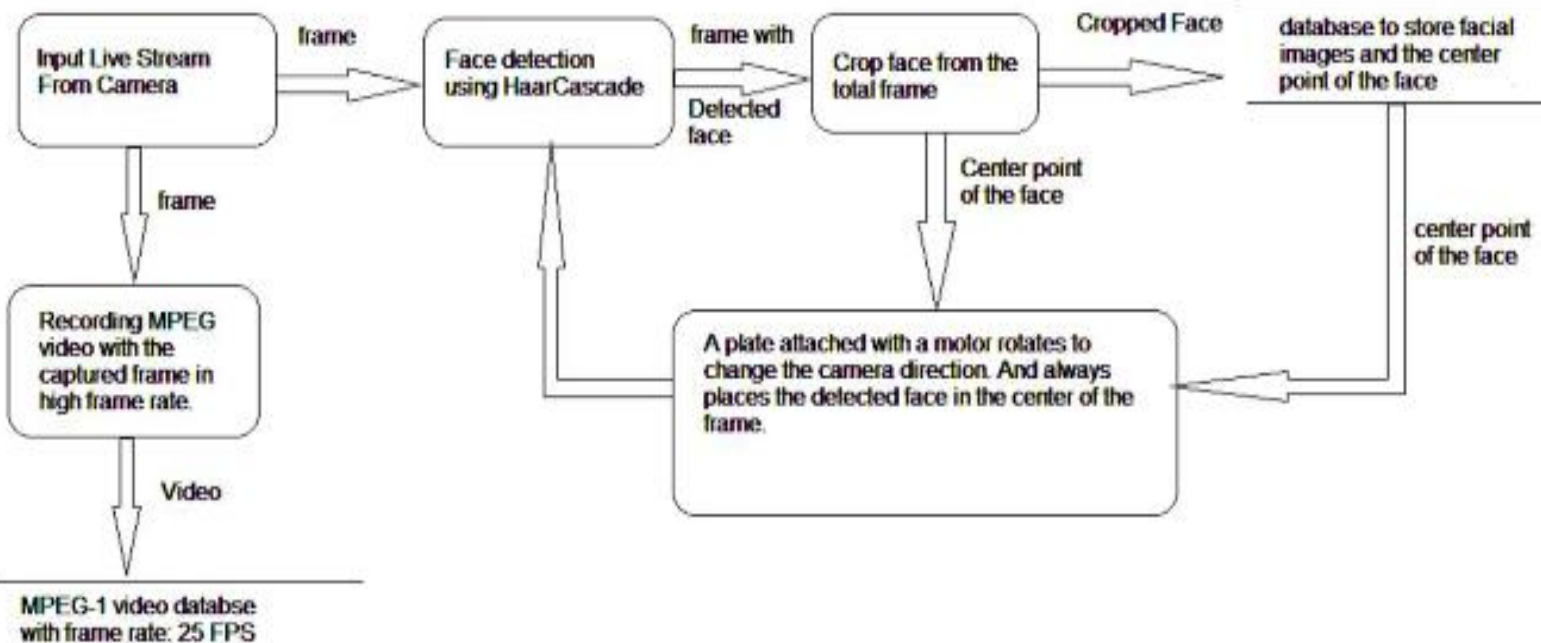
- The system should be able to accurately detect human faces within images or video frames
- Based on the matching results, the system makes a decision on the identity of the individual.
- A fulfilled face recognition system should be evaluated based on performance metrics such as accuracy, speed, and robustness.
- For practical applications, the system should be integrable with existing infrastructure (e.g., CCTV systems,

Requirements

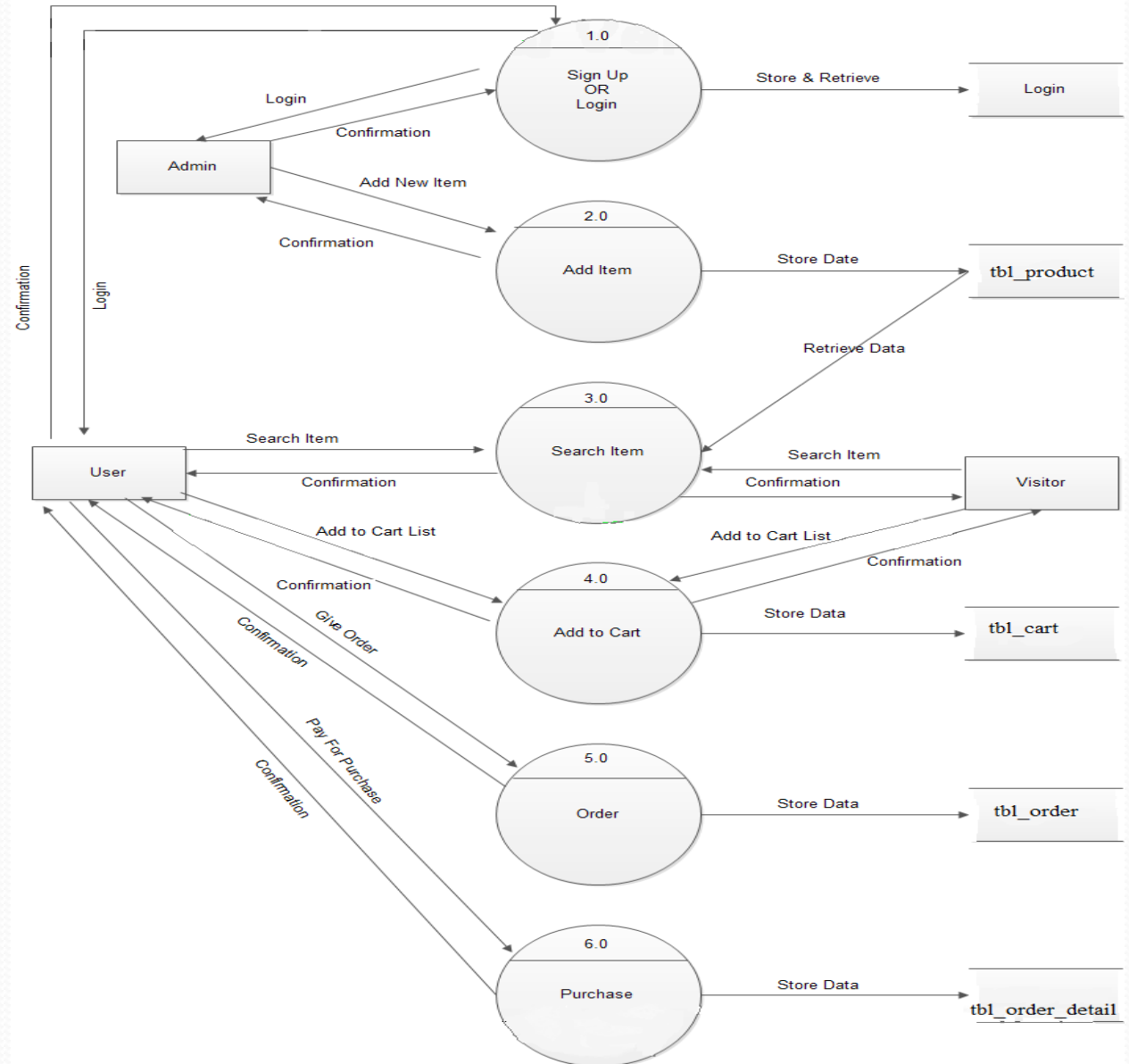
Hardware		Software	
Processor :	Pentium-IV 600 MHz 1 GHz [Recommended]	Operating System:	Windows XP [SP2] or Higher
Hard Disk:	4 GB[Min] 40 GB[Recommended]	Technology :	JSP
RAM:	512 MB 1 GB [Recommended].	Web Server :	Internet Information Services (IIS) 5.1 & advance
		DBMS :	MySQL 5.1

DFD (level -0)

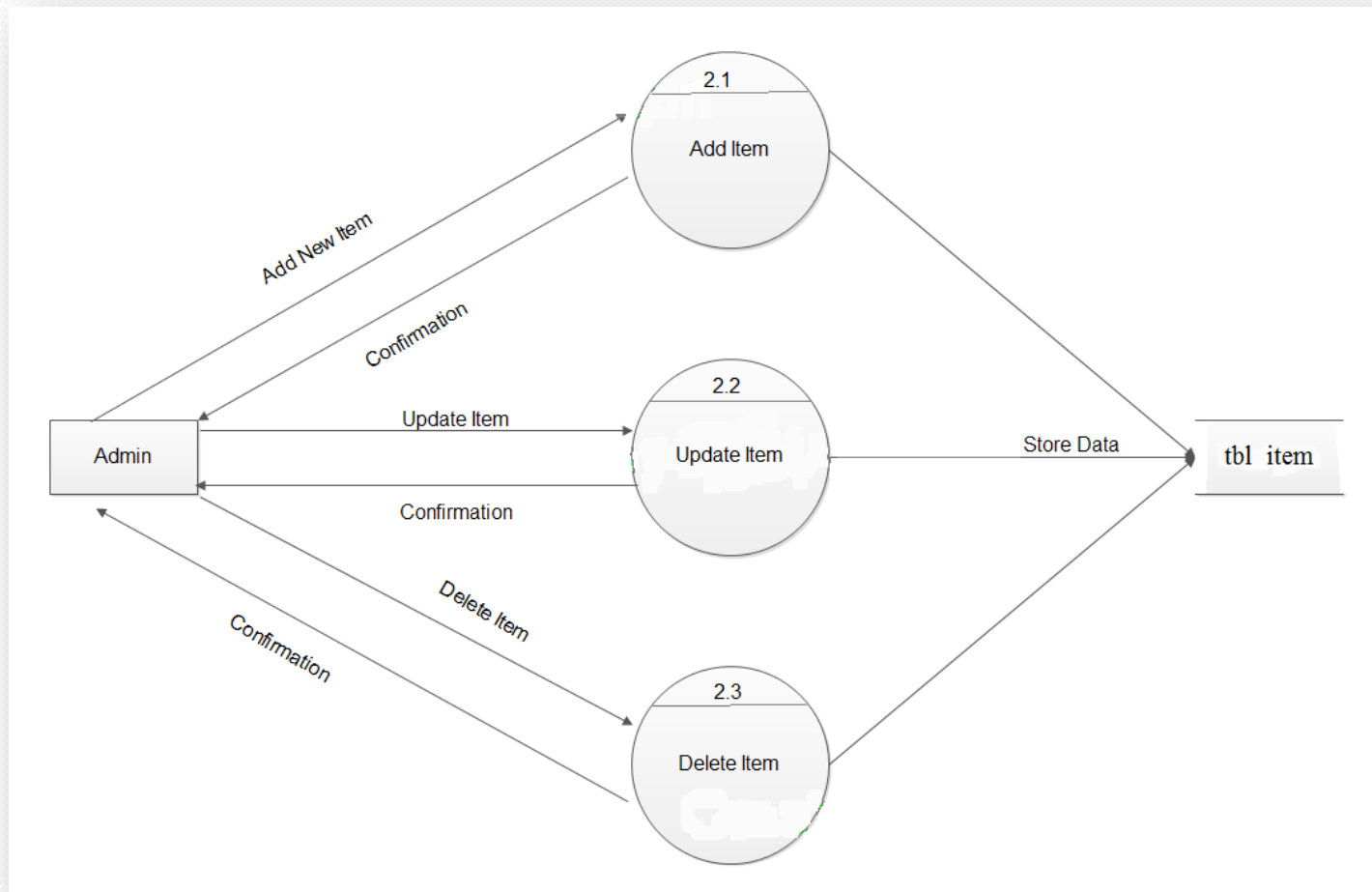
DFD - 0 for "Face Detection and Tracking System"



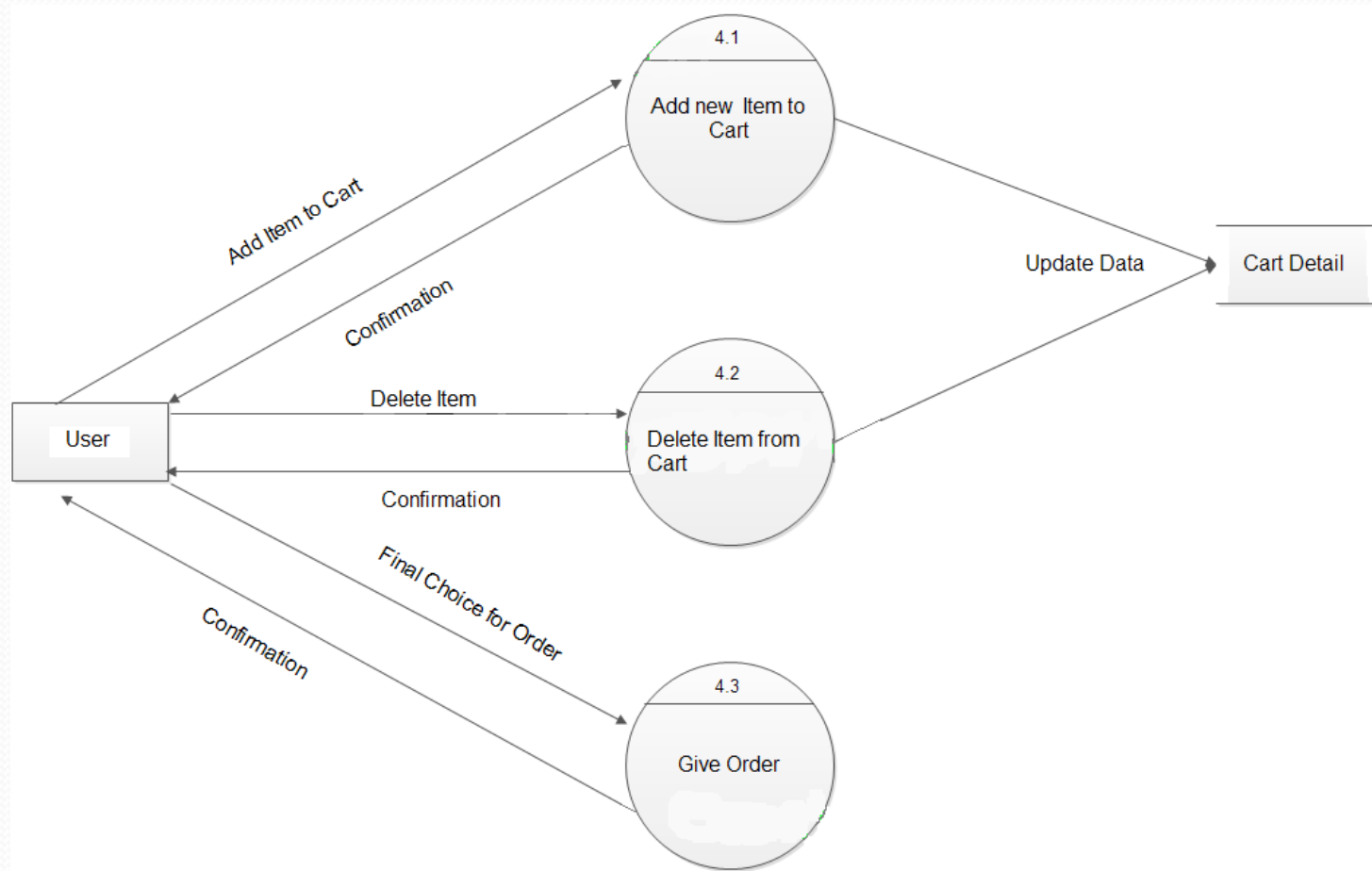
Level-1



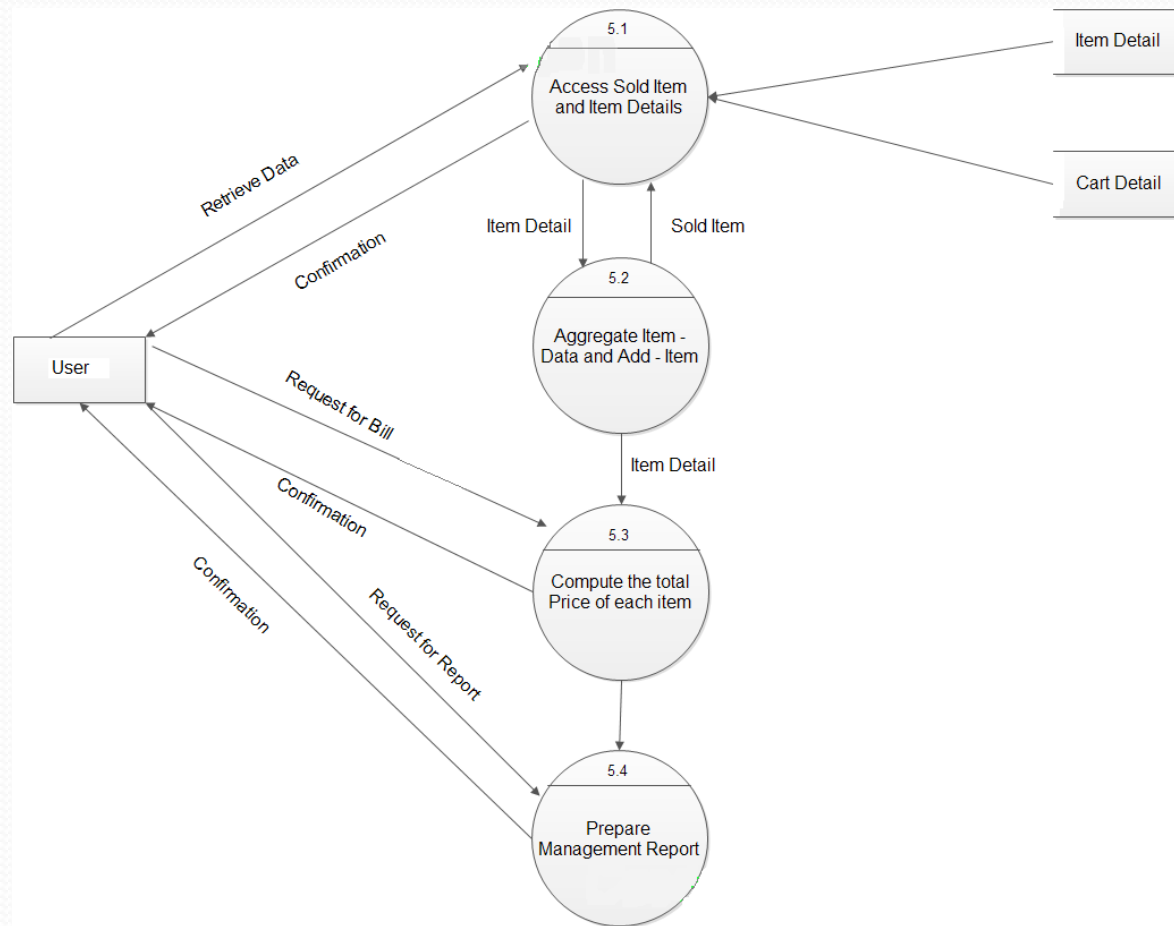
Level-2.0



Level-2.1



Level-2.2



Level-3

