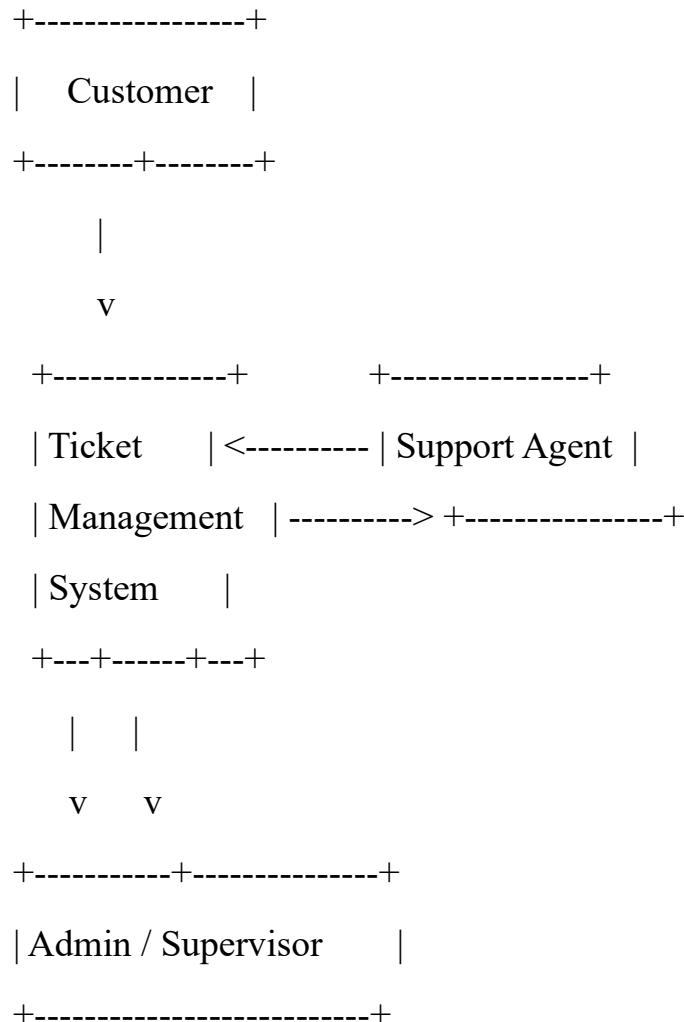
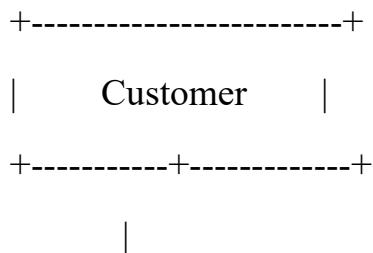


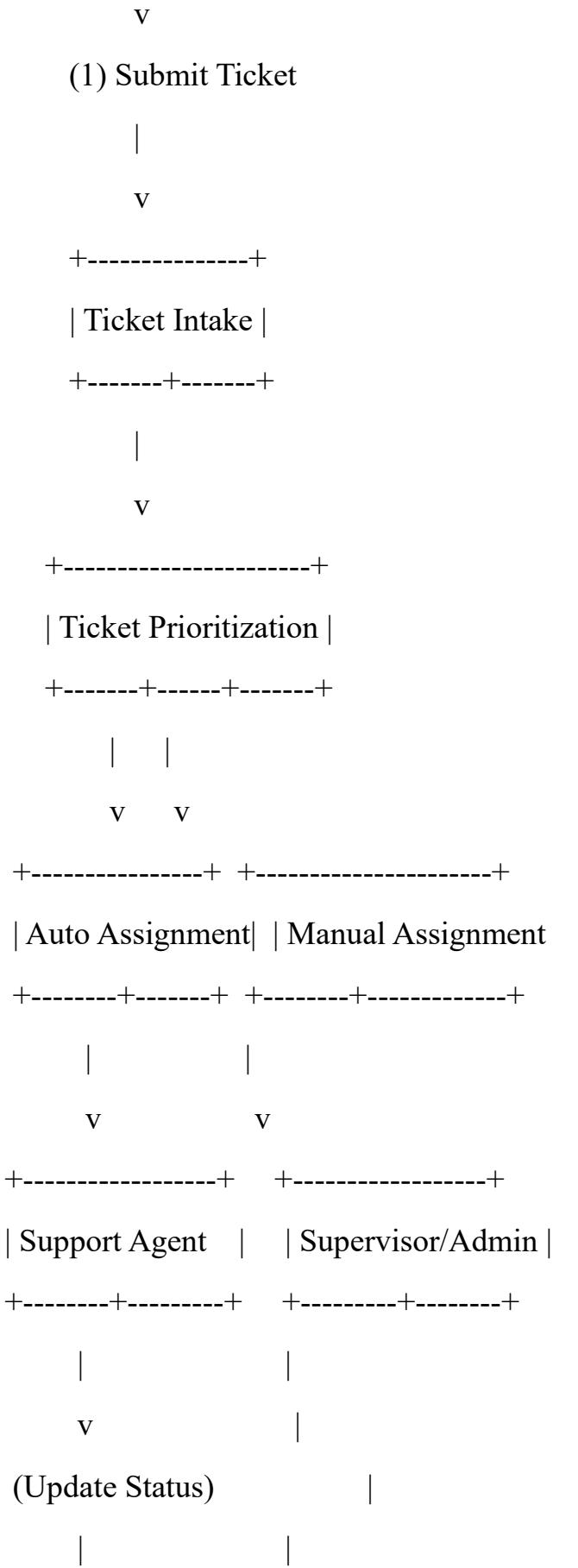
Data Flow Diagram and User Stories

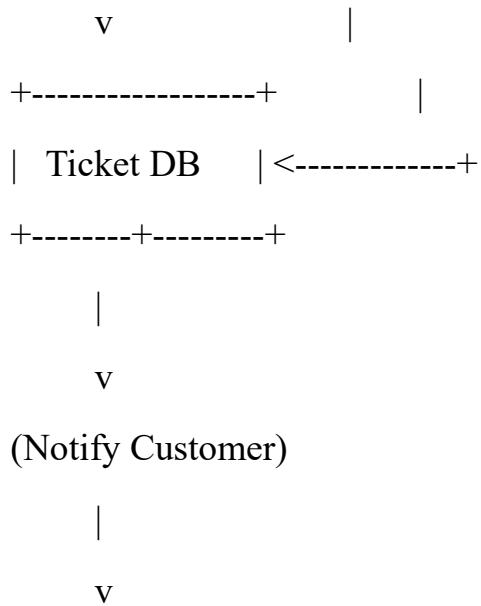
Level-0 Context Diagram:



Level-1 Detailed DFD







2) USER STORIES

Epic: Ticket Submission & Capture

1. As a customer,

I want to submit a ticket easily,
so that I can report issues quickly.

2. As a customer,

I want to receive a confirmation notification,
so I know my request is being processed.

Epic: Ticket Prioritization & Routing

3. As a system,

I want to classify tickets based on severity/keywords,
so they can be routed appropriately.

4. As an admin,

I want to define assignment rules (priority, team, skill),
so tickets go to the correct agents automatically.

5. As a support agent,

I want tickets prioritized in my queue,
so I can address the most important tasks first.

Epic: Intelligent Assignment

6. As a system,

I want to auto-assign tickets to available qualified agents,
to reduce delays in handling.

7. As a supervisor,

I want to override assignments manually,
so I can manage special cases and workload balance.

8. As a support agent,

I want to auto-receive notification of assigned tickets,
so I can respond quickly.

Epic: Ticket Resolution & Status Tracking

9. As a support agent,

I want to update ticket progress,
so customers stay informed.

10. As a customer,

I want to track my ticket status,
so I know when the issue will be resolved.

11. As a supervisor,

I want visibility into agent workloads,
so I can optimize resource allocation.

Epic: Reporting & Optimization

12. As an admin,

I want reports on ticket resolution times and workload,
so I can analyze performance.

13. As a supervisor,

I want alerts when SLAs are at risk,
so I can intervene before deadlines are missed.

14. As a system,

I want to maintain logs of assignments and changes,
for compliance and auditability.
