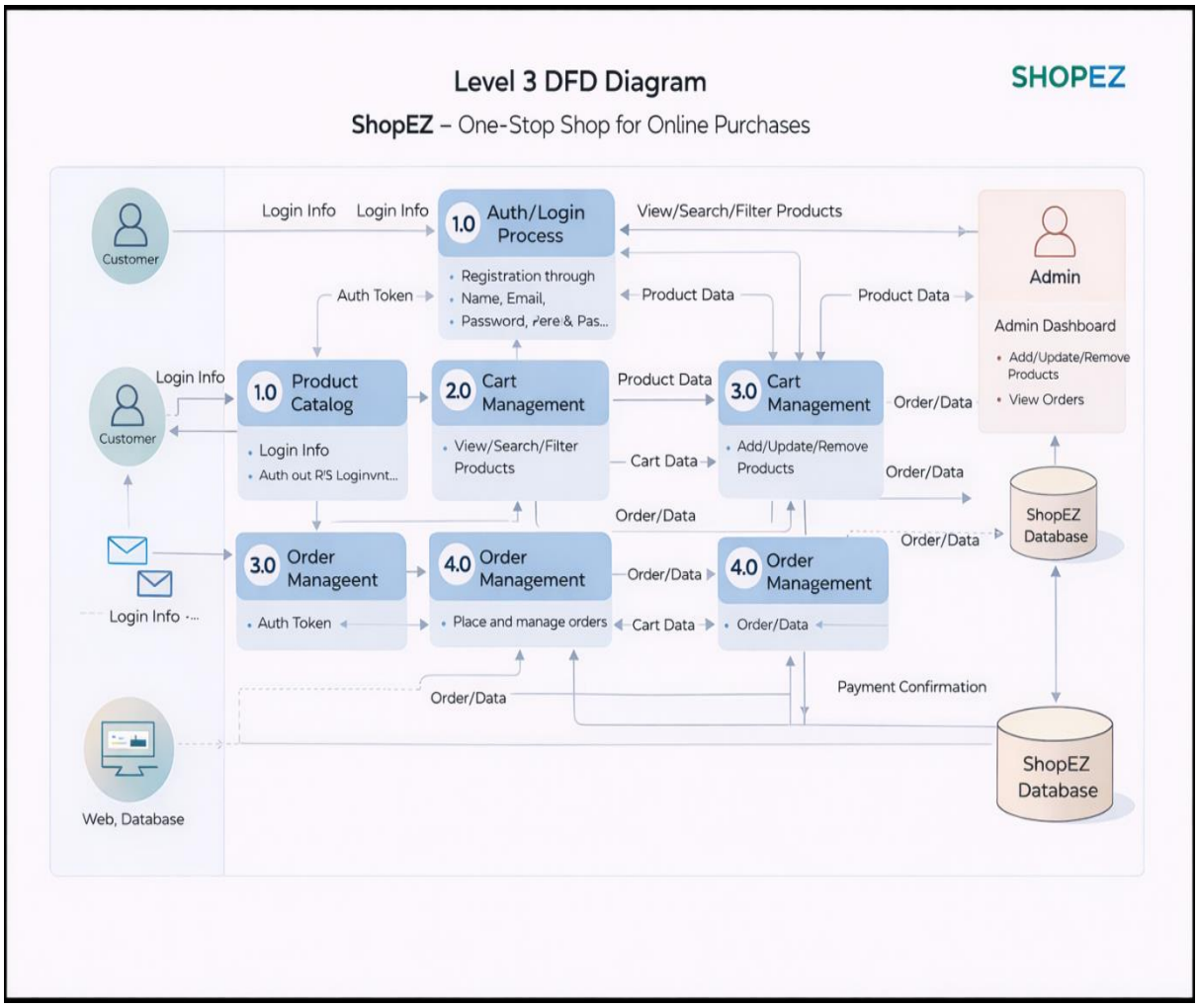
Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 February 2026
Team ID	LTVIP2026TMIDS83223
Project Name	Shopez-one stop shop for Online Products
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories

Product Backlog & Sprint Planning (Shopez)

Sprint	Functional Requirement (Epic)	User Story No	User Story / Task	Story Points	Priority
Sprint-1	Authentication	US-1	User can register with name, email & password	3	High
Sprint-1	Authentication	US-2	User can login securely using JWT	2	High
Sprint-1	Admin	US-3	Admin login with role-based access	2	High
Sprint-1	UI	US-4	Create homepage with category navigation	3	Medium
Sprint-1	UI	US-5	Display products by category (Fashion, Electronics, Sports, etc.)	5	High
Sprint-1 Total				**15**	

Sprint	Functional Requirement	User Story No	User Story	Story Points	Priority
Sprint-2	Product Management	US-6	Admin can add new product	5	High
Sprint-2	Product Management	US-7	Admin can edit/delete product	5	High
Sprint-2	Product	US-8	View product details page	4	Medium
Sprint-2	Search & Filter	US-9	Search products & filter by category	6	Medium
Sprint-2 Total				**20**	

Sprint	Functional Requirement	User Story No	User Story	Story Points	Priority
Sprint-3	Cart	US-10	Add product to cart	5	High
Sprint-3	Cart	US-11	Update/remove cart items	5	High
Sprint-3	Order	US-12	Checkout process with address details	6	High
Sprint-3	Order	US-13	Order placement & save in database	4	High
Sprint-3 Total				**20**	