Project Design Phase-II
Data Flow Diagram & User Stories

| Date	03 October 2022
Team ID	PNT2022TMID49865
Project Name	Virtual Eye – Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DFD Level 0:
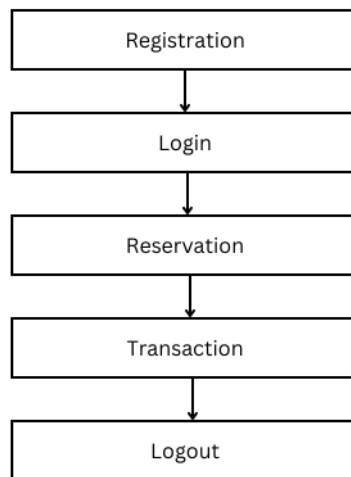
DFD Level 1:
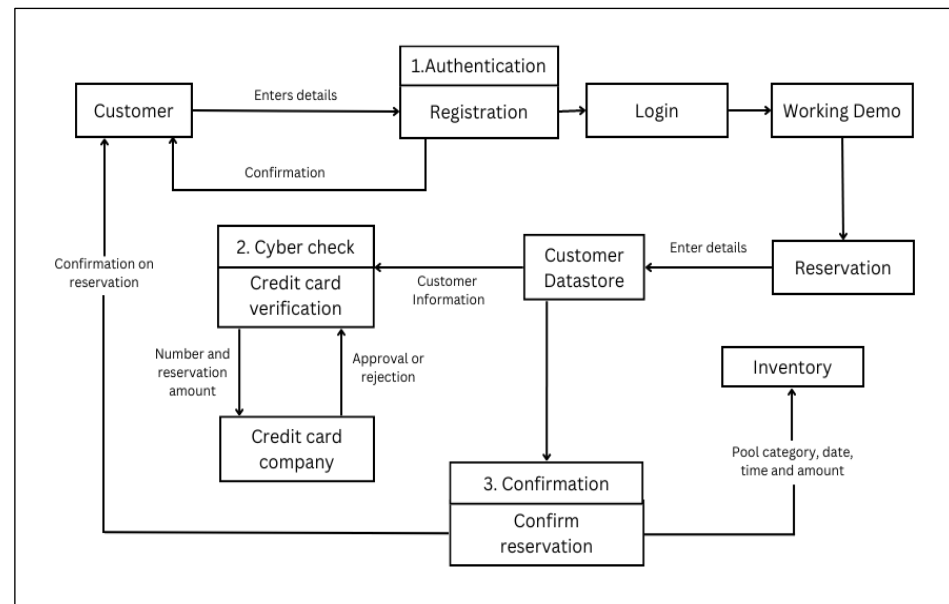
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN - 1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint - 1
		USN - 2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint - 1
		USN - 3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint - 2
		USN - 4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint - 1
	Login	USN - 5	As a user, I can log into the application by entering email & password	I can login through registered email & password and can access dashboard	High	Sprint - 1
	Dashboard	USN - 6	As a user, I can see the details of the application through dashboard	I can know about the application features	Medium	Sprint - 2
		USN - 7	As a user, I can view the demo videos and pictures for knowing the features used	I can know about the system followed by the pools	Low	Sprint - 3
		USN - 8	As a user, I need to enter the details for the reservation of the pool	I need to enter the details for pool reservation	High	Sprint - 1
		USN - 9	As a user, I can reserve the pool tickets with required facility early through online	I can reserve the pool tickets early in online	Low	Sprint - 3
		USN - 10	As a user, I can confirm the reservation by successful transaction through credit card	I can confirm reservation through credit card payment	High	Sprint - 1
		USN - 11	As a user, I can confirm the reservation by UPI payment	I can confirm reservation through UPI payment	Medium	Sprint - 2
		USN - 12	As a user, I can cancel the reservation for personal matters	I can cancel the reservation for personal situations	Medium	Sprint - 1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN - 13	As a user, I can see other user feedback on the application in dashboard	I can view other user feedback to know about the application	Low	Sprint - 4
		USN - 14	As a user, I can view the rating of the pools from the dashboard	I can know the ratings of the pool	Low	Sprint - 4
		USN - 15	As a user, I can give feedback of the pool in the dashboard	I can give feedback of my experience in the pool	Medium	Sprint - 3
		USN - 16	As a user, I can logout from the dashboard after the completion of work	I can logout from my id after the work completion	Medium	Sprint - 1
Customer Care Executive	Customer support / help	USN - 17	As a support staff, I can provide FAQ for managing time and avoiding repeated questions	I can provide FAQ for avoiding repeated questions	High	Sprint - 4
- 2		USN - 18	As a support staff, I need to respond quickly to the customer feedback	I need to respond quickly to the customer	Medium	Sprint - 2
		USN - 19	As a support staff, I can solve the problem of the customer for their satisfaction	I can solve the problems faced by the customers	High	Sprint - 1
		USN - 20	As a support staff, I need good communication skills to manage the customer	I need good communication skills to manage customer	Medium	Sprint - 1
Administrator	Login	USN - 21	As an admin, I can login to the admin page through username and password to manage the tasks	I can login to the admin page through username and password	High	Sprint - 3
	Database	USN - 22	As an admin, I need to manage the database for better performance	I can manage the database by accessing it	Medium	Sprint - 4
	Dashboard	USN - 23	As an admin, I can add or remove any customer by noticing their actions	I can add or remove the customers	Medium	Sprint - 4
		USN - 24	As an admin, I can manage user feedback from the admin page	I can manage user feedback from admin page	Low	Sprint - 4
		USN – 25	As an admin, I can manage all the features of the application for better customer use	I can manage all the application features for better usability of the customer	High	Sprint - 4