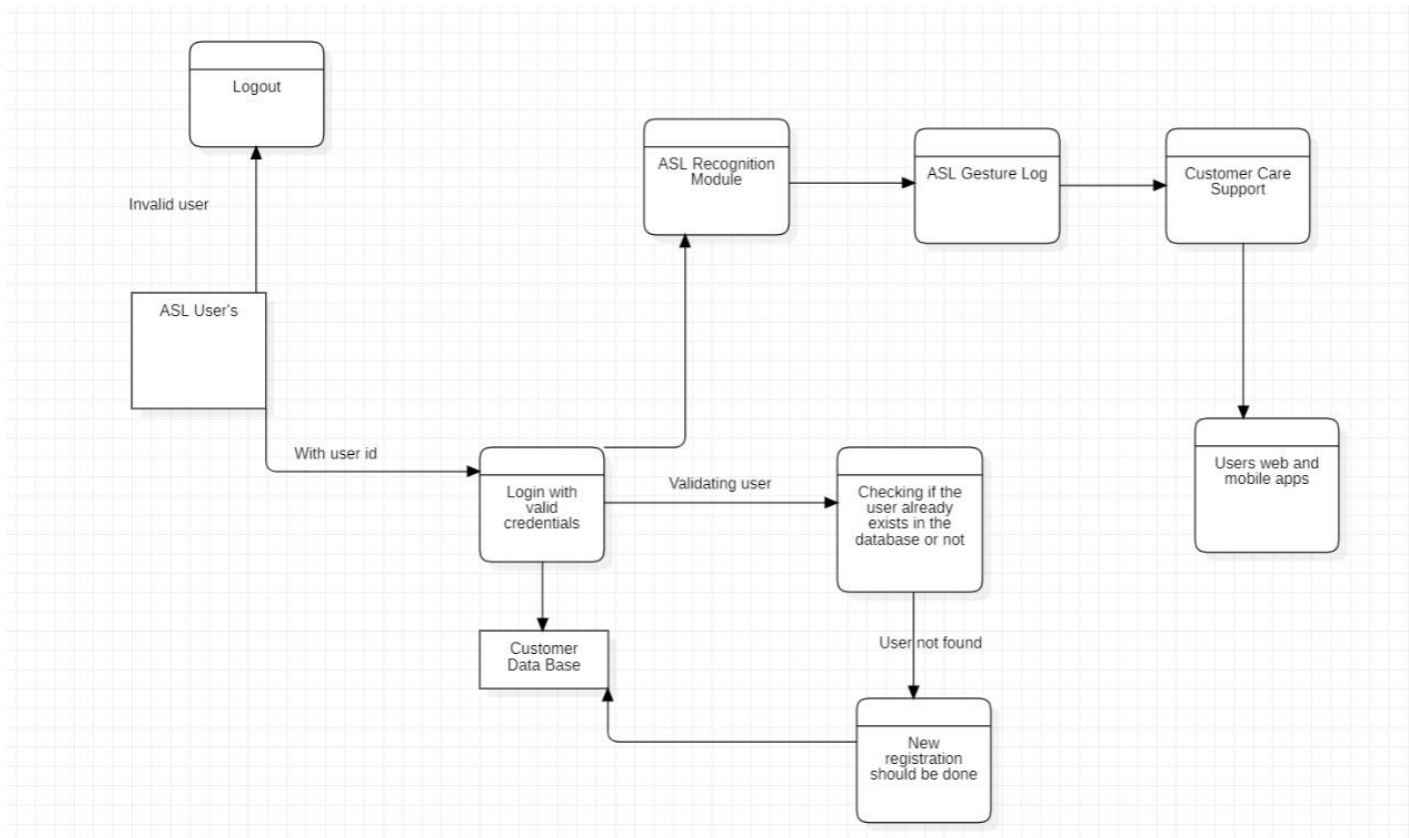


Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2023
Team ID	PNT2022TMID592632
Project Name	Project – Alphabet Image Recognition
Maximum Marks	4 Marks

Data Flow Diagrams:



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 (Mobile user)	Registration	USN-1	As a user, I can register for the ASL application by entering my email, creating a password, and confirming the password.	I can access my ASL account/dashboard.	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for the ASL application.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the ASL application through Facebook.	I can register & access the dashboard with Facebook Login	Low	Sprint-2
	Login	USN-4	As a user, I can log into the ASL application by entering my email and password.	I can log in and access my ASL account.	High	Sprint-1
	ASL Recognition	USN-5	. As a user, I can input ASL gestures through the camera for real-time recognition.	The system accurately recognizes and interprets ASL gestures in real-time.	High	Sprint-1
		USN-6	As a user, I can manually select ASL alphabet gestures for recognition.	The system accurately recognizes manually selected ASL alphabet gestures.	Medium	Sprint-1
	Accessibility	USN-7	As a user, I can customize font size and display settings for better accessibility.	The application adjusts font size and display settings according to user preferences.	Medium	Sprint-1
Customer (Webuser)	Registration	USN-8	As a web user, I can fill out a user registration form with my email, password, and additional profile information.	The user should be able to successfully submit the registration form, receiving an on-screen confirmation.	High	Sprint-1

		USN-9	As a web user, I can receive a confirmation email with a unique link to verify my account.	Clicking the verification link should confirm the user's registration.	High	Sprint-1
		USN-10	As a web user, I can choose to register using my Google account.	Users should be able to successfully register using their Google accounts.	Low	Sprint -2
	Login	USN-11	As a web user, I can log into the ASL application by entering my email and password.	Users should be able to successfully log in with valid credentials.	High	Sprint-1
	ASL Recognition	USN-12	As a web user, I can input ASL gestures through the camera for real-time recognition.	The system should accurately recognize and interpret ASL gestures in real-time.	High	Sprint-2
		USN-13	As a web user, I can manually select ASL alphabet gestures for recognition.	Users should be able to select and recognize ASL alphabet gestures accurately.	Medium	Sprint-3
	Accessibility	USN-14	As a web user, I can customize font size and display settings for better accessibility.	Customized settings should reflect in the application's interface, improving accessibility for users.	Low	Sprint-3
Customer Care Executive	Registration	USN-15	As a customer care executive, I can review pending user registration requests, approving or rejecting them based on provided information.	Customer care executives should be able to efficiently review and approve/reject user registration requests.	High	Sprint-1
	Login	USN-16	As a customer care executive, I can monitor user login activity, identifying any unusual patterns or potential security concerns.	Customer care executives should be able to identify and address any suspicious user login patterns	High	Sprint-2
	ASL Recognition	USN-17	As a customer care executive, I can view ASL gesture logs for users, providing assistance and troubleshooting as	Customer care executives should be able to review ASL	High	Sprint-2

			needed.	gesture logs and assist users with gesture-related issues.		
		USN-18	As a customer care executive, I can guide users on how to perform specific ASL gestures for better recognition.	Customer care executives should be able to provide effective guidance on ASL gesture performance.	Medium	Sprint-2
	Accessibility	USN - 19	As a customer care executive, I can assist users with accessibility settings, guiding them through customization options.	Customer care executives should be able to efficiently guide users through the customization of accessibility settings.	Medium	Sprint-3
Administrator	Registration	USN - 20	As an administrator, I can view and manage user registrations, including approving or rejecting registration requests.	Administrators should be able to approve or reject user registration requests from the interface.	High	Sprint-1
	Login	USN - 21	As an administrator, I can view login logs and track access to the ASL recognition system.	Administrators should be able to access logs that track access and activities.	Medium	Sprint-2
	ASL Recognition	USN - 22	As an administrator, I can configure ASL recognition settings, including updating gesture databases.	Changes to ASL recognition settings should be reflected in real-time.	High	Sprint-2
		USN - 23	As an administrator, I can monitor and manage the performance of the ASL recognition module.	Administrators should receive real-time performance data and be able to make adjustments as needed.	High	Sprint-2
	Accessibility	USN-24	As an administrator, I can configure accessibility options for users, including adjusting default font sizes.	Changes to accessibility options should be reflected in the user interface.	Medium	Sprint-3

		USN-25	As an administrator, I can enable or disable voice output functionality for ASL gestures for enhanced accessibility.	Changes to voice output settings should affect ASL gesture interpretation.	Medium	Sprint-3
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