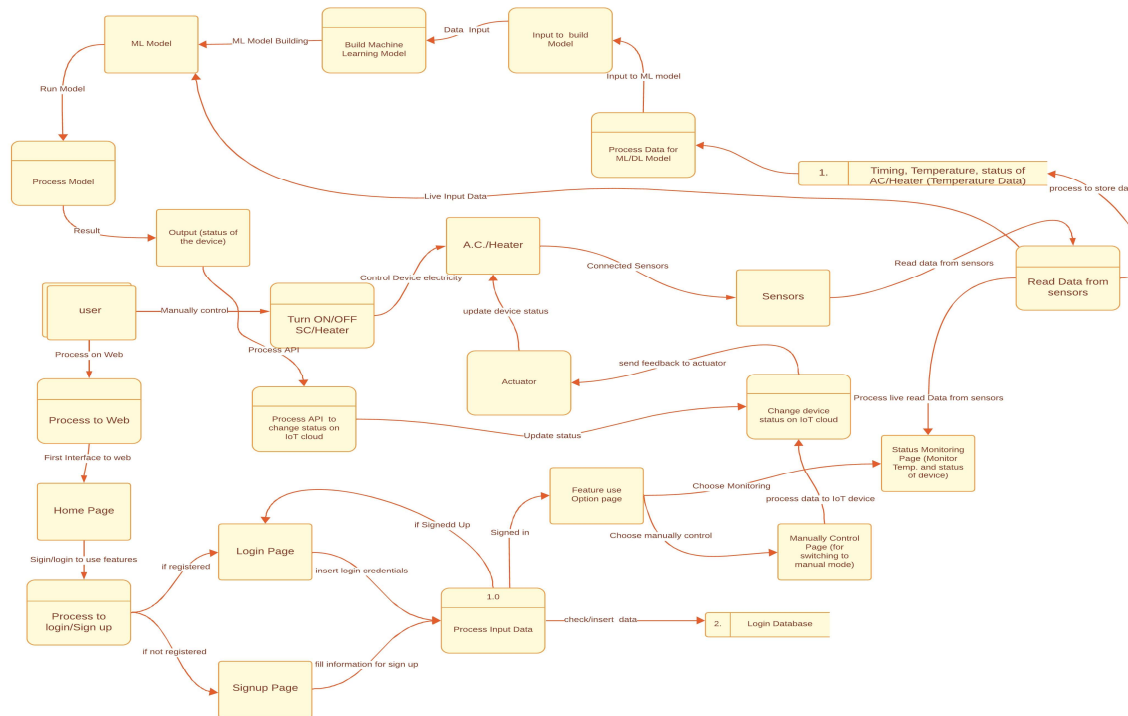


## Project Design Phase-II Data Flow Diagram & User Stories

Date	13 November 2023
Team ID	Team-592148
Project Name	Project - Smart Home – Temperature Prediction
Maximum Marks	4 Marks

### Data Flow Diagrams:



**Figure: High Level Data Flow Diagram (DFD) of Smart Home – Temperature Prediction**

## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a customer, I want to register for the smart home system to access the temperature prediction feature.	Users should be able to register using their email address or existing social media accounts.	High	Sprint-1
		USN-2	As a customer concerned about security, I want the registration process to include strong authentication measures.	The system should enforce password strength requirements.	High	Sprint-1
		USN-3	As a customer, I want the registration process to be quick and efficient.	The system should provide clear progress indicators during registration.	Low	Sprint-2
		USN-4	As a customer with multiple devices, I want the registration process to support easy account setup across different platforms.	Users should be able to use the same account credentials to log in on various platforms (web, mobile app, etc.).	Medium	Sprint-2
	Login	USN-5	As a customer who values security, I want the login process to include multi-factor authentication (MFA) for an additional layer of protection.	The system should prompt users to enter the MFA code after entering their password.	High	Sprint-1
		USN-6	As a customer, I want a smooth and quick login experience.	The system should provide clear feedback if login credentials are incorrect.	High	Sprint-1
		USN-7	As a customer who prefers convenience, I want the option for biometric authentication during login.	Users should have the option to enable fingerprint or facial recognition for login on supported devices.	Medium	Sprint-2
		USN-8	As a customer with multiple devices, I want the login process to support seamless switching between devices.	Users should be able to log in on various devices using the same credentials.	Medium	Sprint-2
Customer Care Executive		USN-9	As a customer care executive, I want to assist users in resolving login issues related to the smart home system.	The customer care interface should include a dedicated section for handling login-related queries.	High	Sprint-1
		USN-10	As a customer care executive, I want to support users experiencing difficulties with syncing preferences and settings across multiple devices.	Executives should guide users on syncing settings across devices.	High	Sprint-1
Administrator		USN-11	As an administrator, I want to be able to manage user accounts efficiently within the smart home system.	User account management should include features for account suspension or	High	Sprint-1

				deactivation.		
		USN-12	As an administrator, I want to have access to detailed logs of user login activities for security and auditing purposes.	Admins should be able to filter and search login logs based on specific criteria.	High	Sprint-1