PROJECT DESIGN PHASE-II
Data Flow Diagram & User Stories

Date	15-10-2022
Team Id	PNT2022TMID34921
Project Name	IOT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum marks	4 Marks

DATA FLOW DIAGRAM:
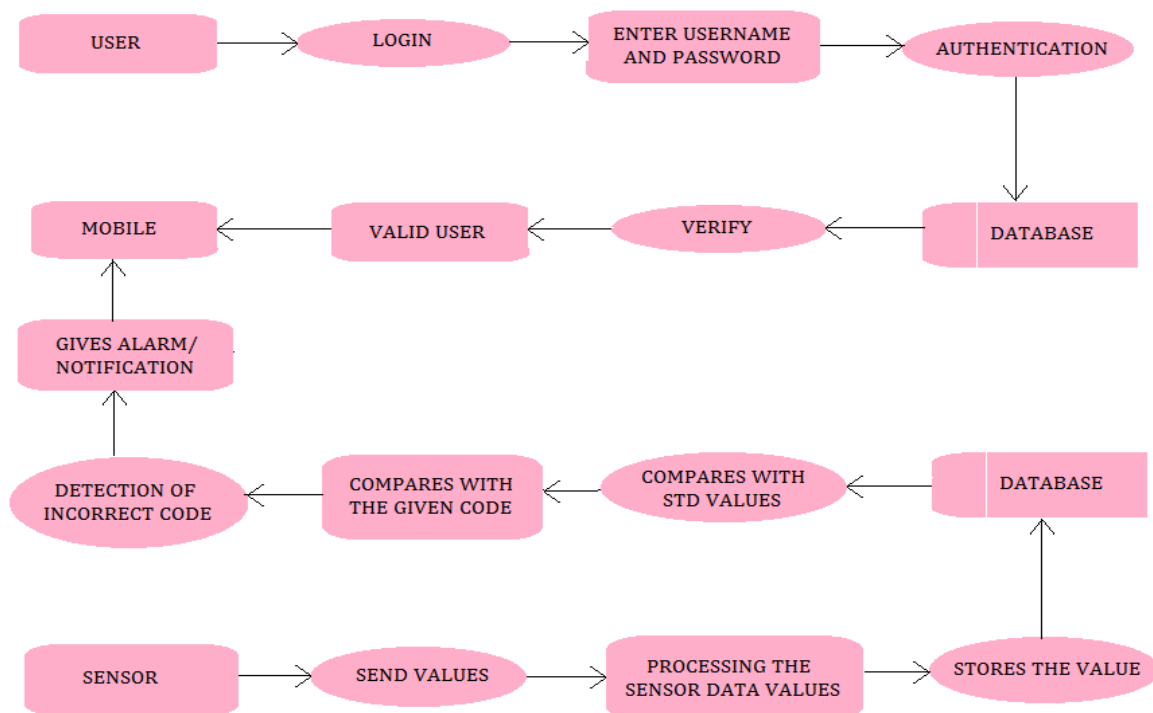
USER STORIES:

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)	Register phone number	USN-1	As a user, I can register for the application by entering my email, password, and confirm my password.	I can access my account /dashboard	High	Sprint-1
Customer (Mobile user)	GPS module	USN-2	As a user, I can view the child's location from anywhere.	I can view the exact location of the child	High	Sprint-1
Customer (Mobile user)	GSM module	USN-3	As a user, I can receive messages using GSM module.	I can receive messages according to the child's location.	Low	Sprint-2
Customer (Mobile user)	Sensors	USN-4	As a user, I can monitor the child's health conditions.	I can detect the child's health condition.	Medium	Sprint-1
Customer (Mobile user)	Navigation and tracking	USN-5	As a user, I can track the child's location whenever it is necessary.	I can monitor the child's travelling route.	High	Sprint-3
Customer (Mobile user)	Panic button	USN-6	As a user, the child can press the panic button in the case of any problems.	I can receive message when the panic button is pressed.	Medium	Sprint-2
Customer (Mobile user)	Notification	USN-7	As a user, I will get the notification when the child is deviated from the regular pathway.	I will receive notification when the child is in danger.	Low	Sprint-4
Customer (Mobile user)	Alarm ring and sending message	USN-8	As a user, I will also get alarm ring as notification is unseen.	I can hear the alarm sound even when I am not near to he phone.	Medium	Sprint-1
Customer (Mobile user)	Privacy and encryption	USN-9	As a user, I can use my account when my known password is correct whereas others cannot use it.	I can access the account whereas the unknown strangers cannot.	High	Sprint-3