Project Design Phase II

Data Flow Diagrams and User Stories
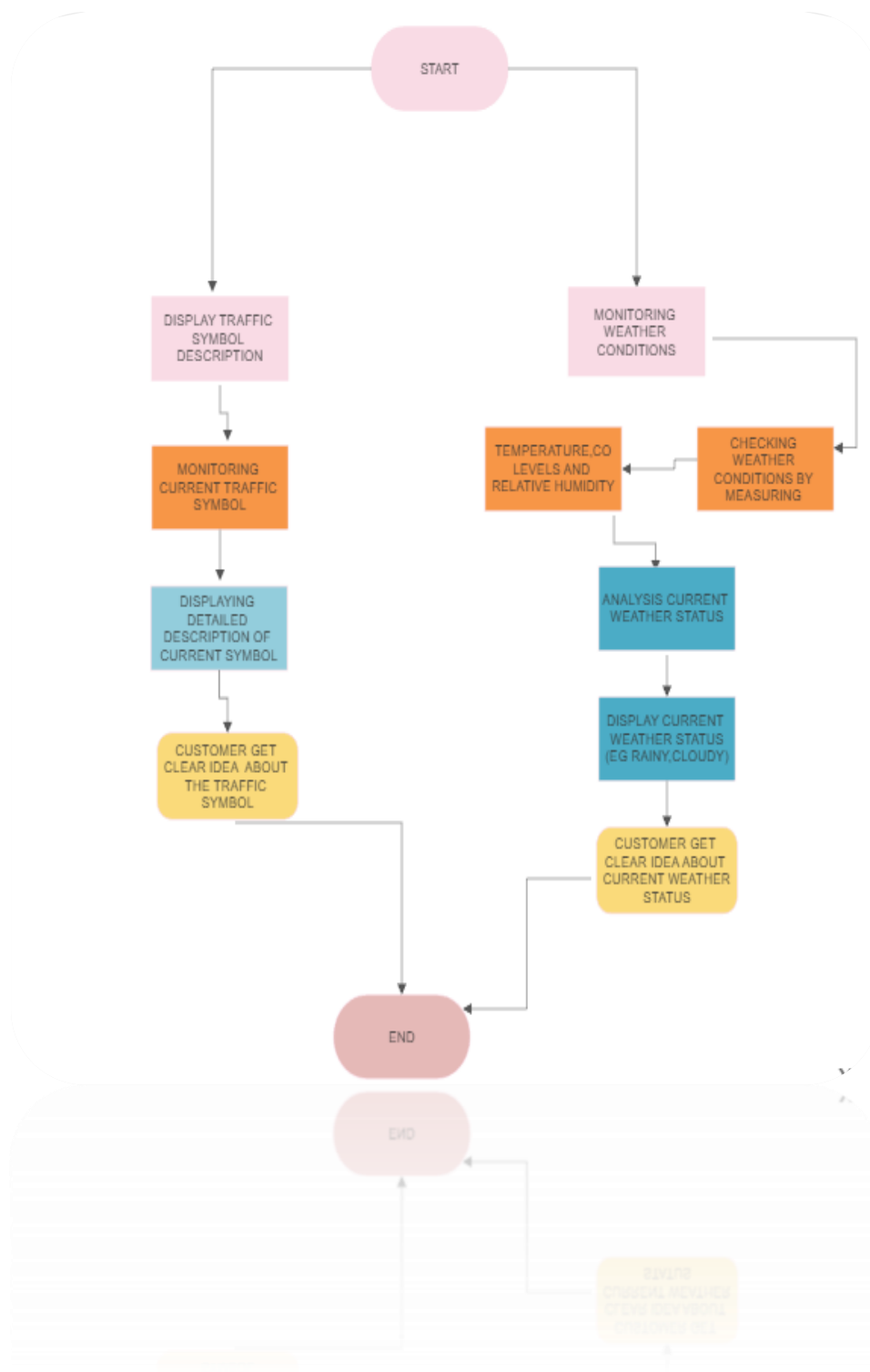
Team ID	PNT2022TMID01100
Project Title	Project - Signs with SmartConnectivity for Better Road Safety
Maximum Marks	4 Marks

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.

DATA FLOW DIAGRAM:

START

DISPLAY TRAFFIC SYMBOL DESCRIPTION

MONITORING WEATHER CONDITIONS

MONITORING CURRENT TRAFFIC SYMBOL

TEMPERATURE,CO LEVELS AND RELATIVE HUMIDITY

CHECKING WEATHER CONDITIONS BY MEASURING

DISPLAYING DETAILED DESCRIPTION OF CURRENT SYMBOL

ANALYSIS CURRENT WEATHER STATUS

CUSTOMER GET CLEAR IDEA ABOUT THE TRAFFIC SYMBOL

DISPLAY CURRENT WEATHER STATUS (EG RAINY,CLOUDY)

CUSTOMER GET CLEAR IDEA ABOUT CURRENT WEATHER STATUS

END

END

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story/Task	Acceptance criteria	Priority	Release
Customer		USN-1	As a client, I can get weather status using Weather application	I can get current weather status.	High	Sprint-1
		USN-2	As a client, I can get detailed description about traffic symbols	I I can get a detailed knowledge about Traffic symbols	High	Sprint-1
Customer (Mobile user)		USN-3	As a client, I can enlist for the application by entering my e-mail and correct password	I can get to my account/ dashboard	Medium	Sprint-2
		USN-4	As a client, I may I at any point get my activity redirection signs depending upon the activity and deadly circumstances	I can get to my weather status aheadin my development	Medium	Sprint-1
		USN-5	As a client, I can sign out from the dim weather outline by entering e-mail and mystery key	I can get to the application through my Gmail login	High	Sprint-2
Customer (Non-Web and Mobile User)		USN-6	As a client, I can get an weather status and symbol description on the digital board	I can get both current Weather conditions and Symbol description directly on digital board	High	Sprint-1
Customer (Web User)		USN-7	As a client I use weather application to get to the weather status	I can get to the Weather status through web application	High	Sprint-1

			conditions			
Director	Problem solving Fault Clearance	USN-8	As an in-specialist charge for the authentic working of the model haveto be keep up with it through periodic watching	Specialist can monitor the model for genuine working and any fault occurs they rectify it	Medium	Sprint-2