Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID06930
Project Name	IOT Enabled Smart Farming Application
Maximum Marks	4 Marks

DOMAIN:

IOT- Internet Of Things

Project Title:
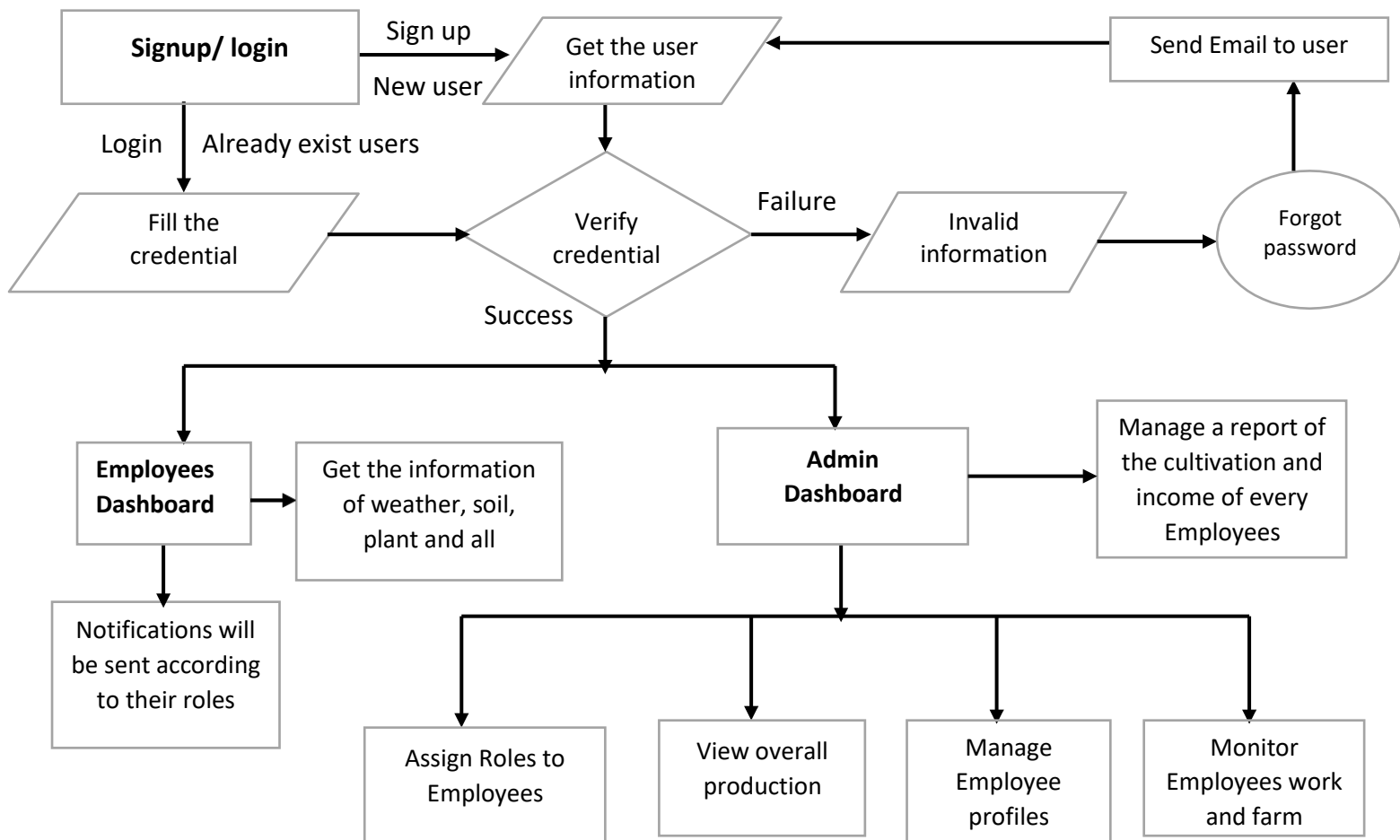
Smart Farmer -IOT Enabled Smart Farming Application

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Data Flow Diagrams:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination.

Smart Farmer IOT- 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
Employee dashboard	Registration	USN-1	As an employee, I can register for the application by entering my email, password, and confirming my password	I can access my account/ dashboard	High	Sprint-1
	Login	USN-2	As an employee, I can login to the application by entering correct email and password	I can access my account/ dashboard	High	Sprint-1
	Dashboard	USN-3	As an employee, according to my role, I will get notification about my task	I get the information about what I have to do in monsoons	High	Sprint-1
	Forgot Password	USN-4	As an employee, I can reset my password by this option incase I forgot my old password	I get access to my account again	Medium	Sprint-2
	Know more	USN-5	As an employee, I will be guided by expertise through online session once in a week about how to take care of the plant and all	Know something more	Low	Sprint-3
	Help me	USN-6	As an employee, I can post my problems and will get Solution from expertise	I can ask my query and all	High	Sprint-1
	Feedback	USN-7	As a user , if I face any problem while using the app or want to give some suggestion about the app.. That I can do by posting my issues in feedback	I can tell my problems	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story/Task	Acceptance criteria	Priority	Release
Admin dashboard	Login	USN-1	As an admin, I can login to the application by entering correct email and password	I can access my account/ dashboard	High	Sprint-1
	Dashboard	USN-2	As an admin, I can see the performance of the employees	I get the information employees work	High	Sprint-1
	Forgot Password	USN-3	As an admin, I can reset my password by this option incase I forgot my old password	I get access to my account again	Medium	Sprint-2
	Role Assignment	USN-4	As an admin, I can assign roles to employees	I can assign roles to employees	High	Sprint-1
	Production view	USN-5	As an admin, I can view the overall production of every month	I get the information of cultivation	High	Sprint-1
	Note Book	USN-6	As an admin, I can make a note of expenditure of my farm and all	I can use note book also	Low	Sprint-3