

Software Design Document

AGRO – Agricultural Management System

Group VIII

CHIRAG GUPTA (19Z207)

DARWIN DEBBARMA (19Z208)

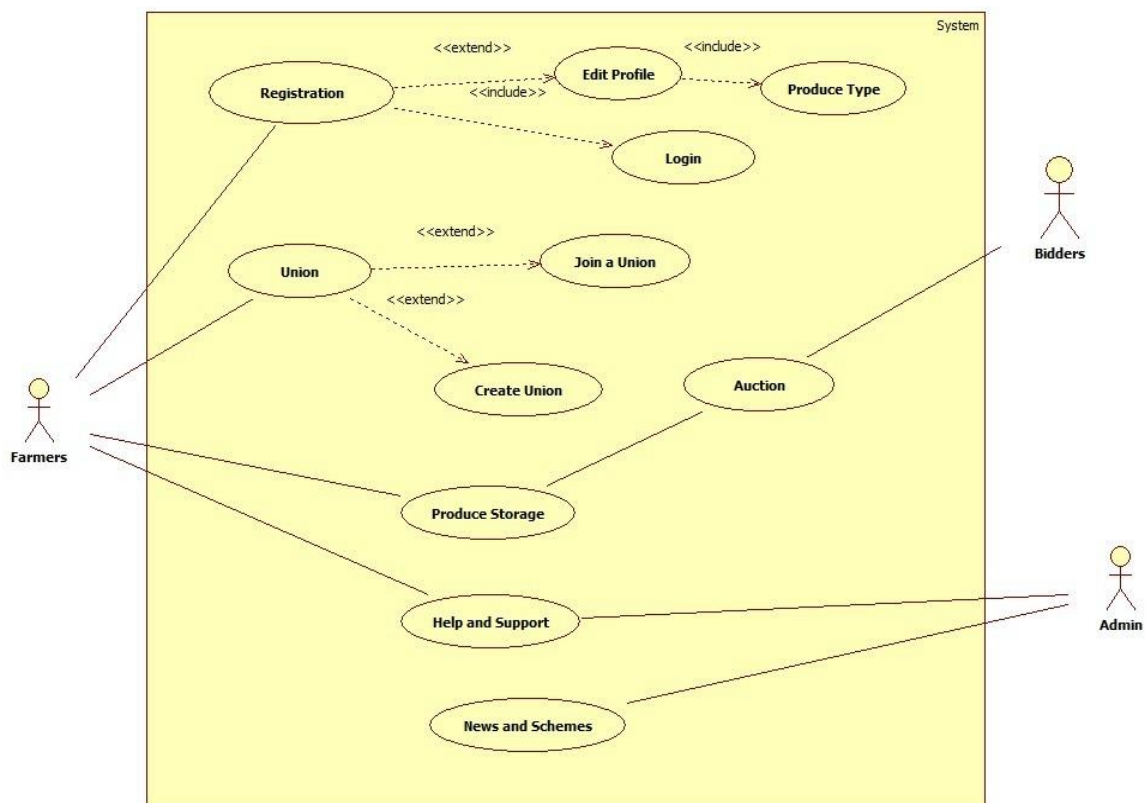
JASWANTH KRISHNA V (19Z220)

KOUSHIK BALAJI P (19Z223)

SIVASUBRAMANIAM J (19Z244)

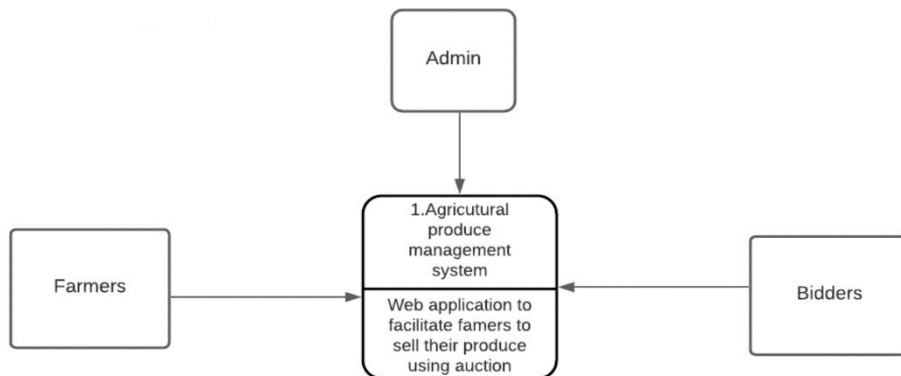
VARUN BHARADWAJ (19Z256)

USE-CASE DIAGRAM: The Use-Case Diagram below shows the Use-Cases and how the Actors interact with them.

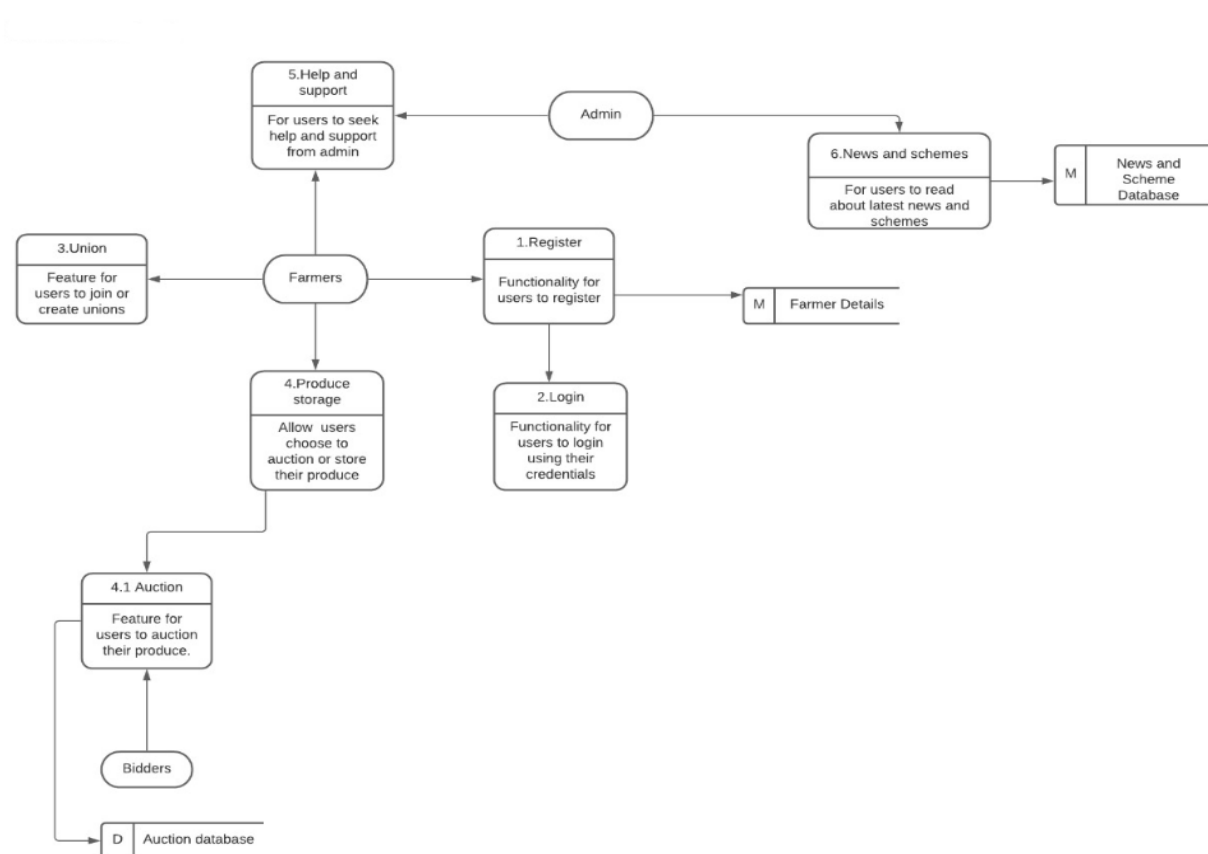


DATA FLOW DIAGRAM: The Data Flow Diagram below shows how data flows through all processes provided in this system.

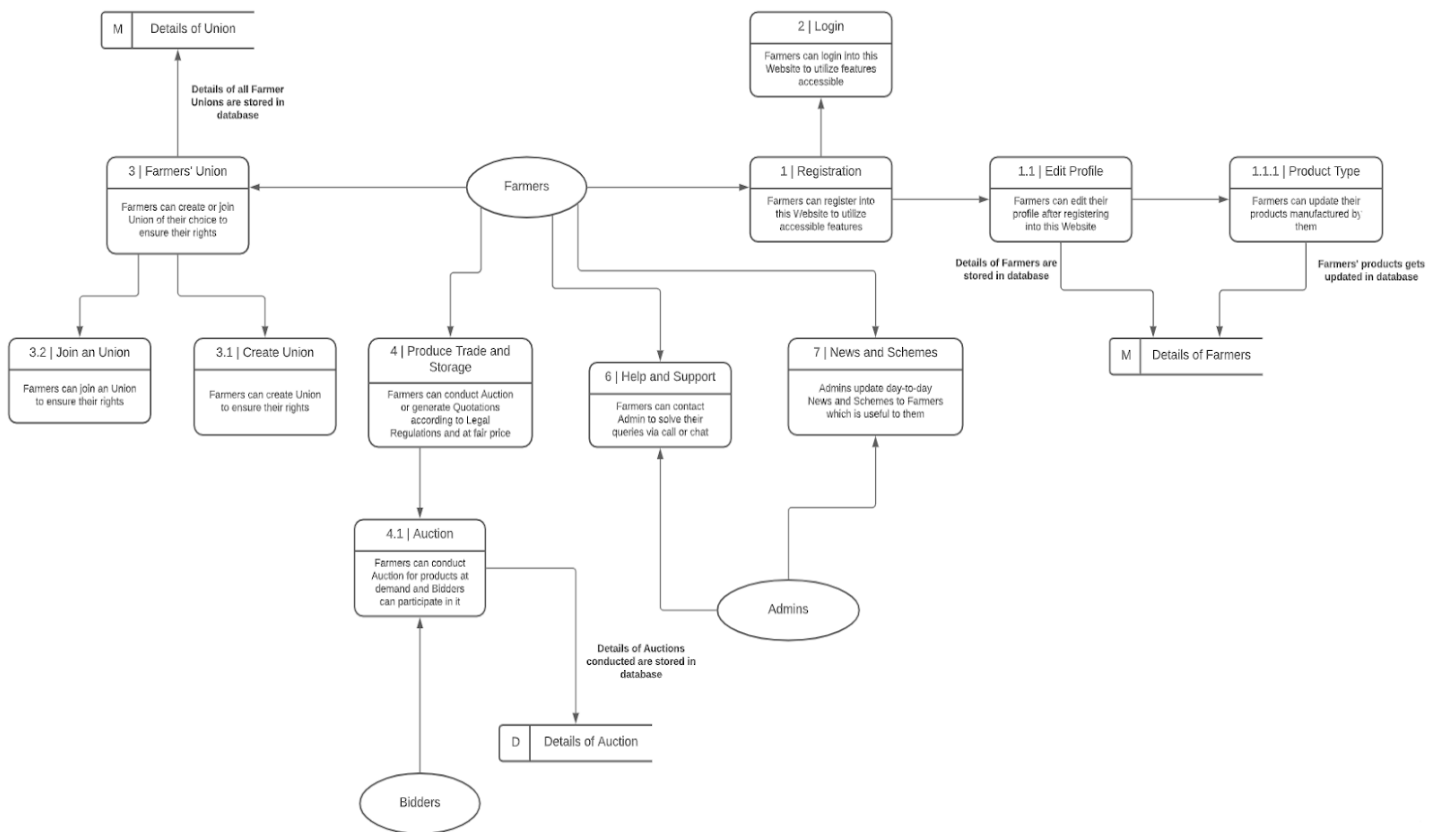
DATA FLOW DIAGRAM LEVEL 0:



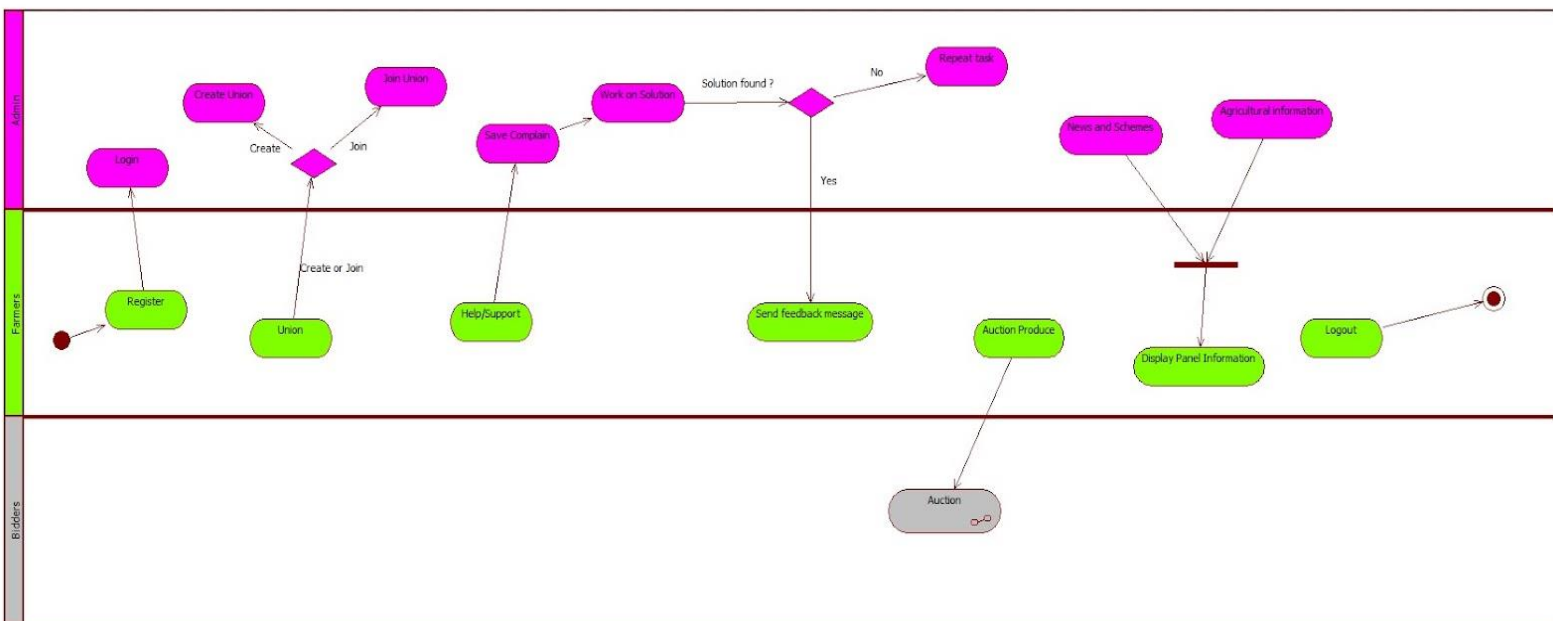
DATA FLOW DIAGRAM LEVEL 1:



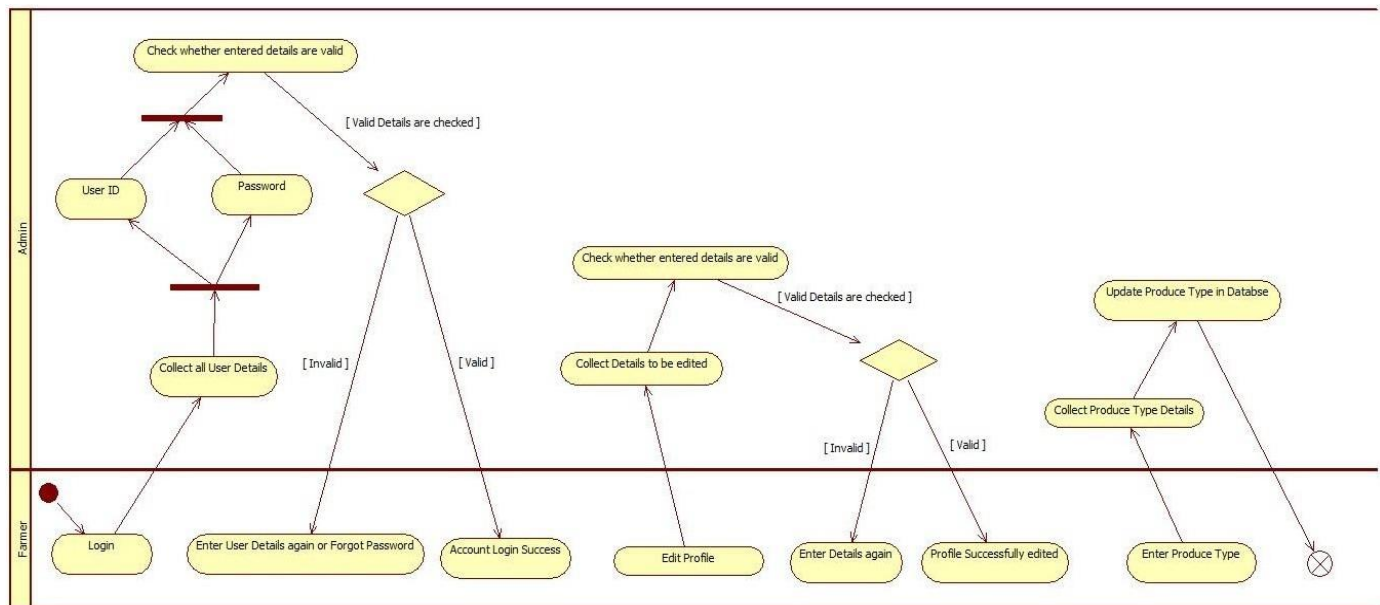
DATA FLOW DIAGRAM LEVEL 2:



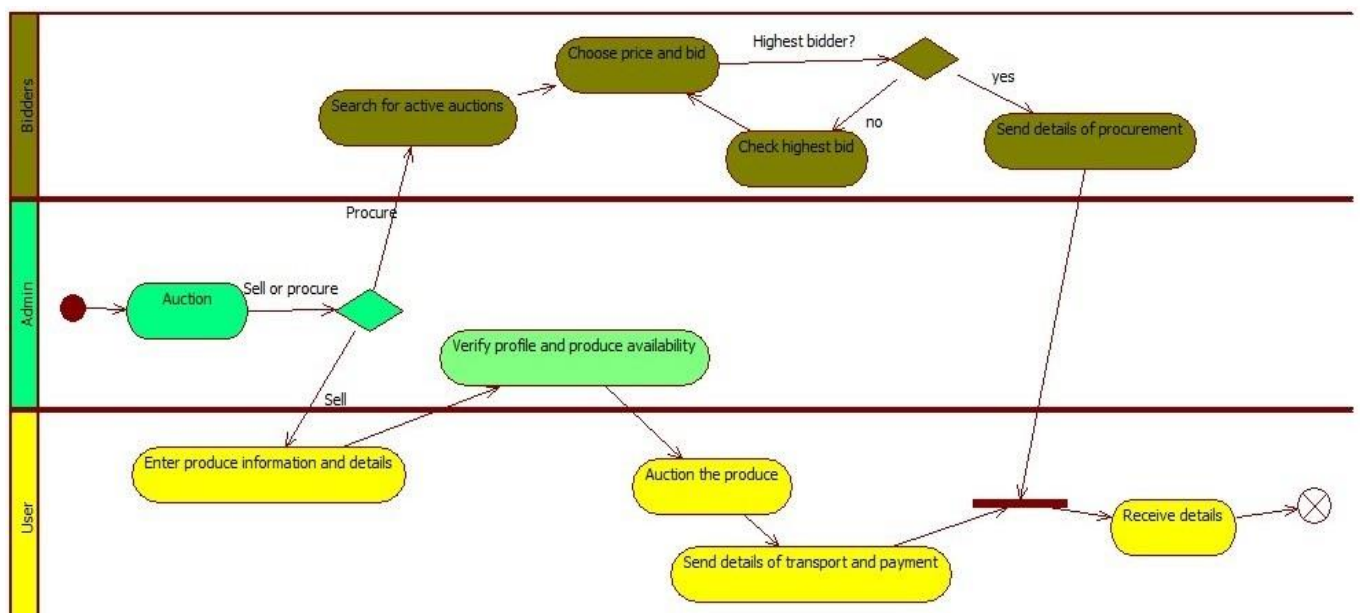
ACTIVITY DIAGRAM: The Activity Diagram below shows sequential and parallel activities involved in each functional requirement of this system.



ACTIVITY DIAGRAM FOR LOGIN FUNCTIONALITY:

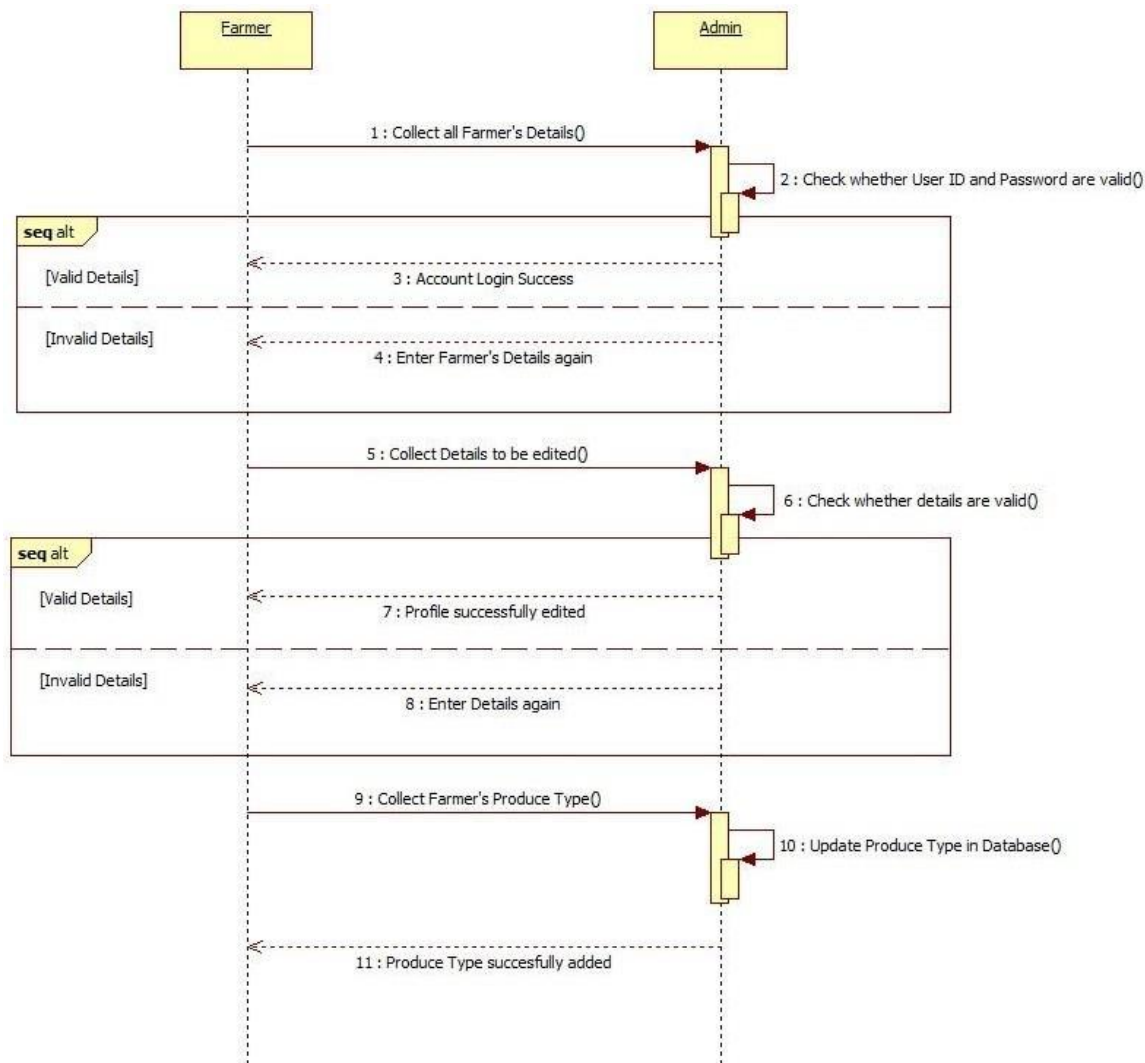


ACTIVITY DIAGRAM FOR AUCTION FUNCTIONALITY:

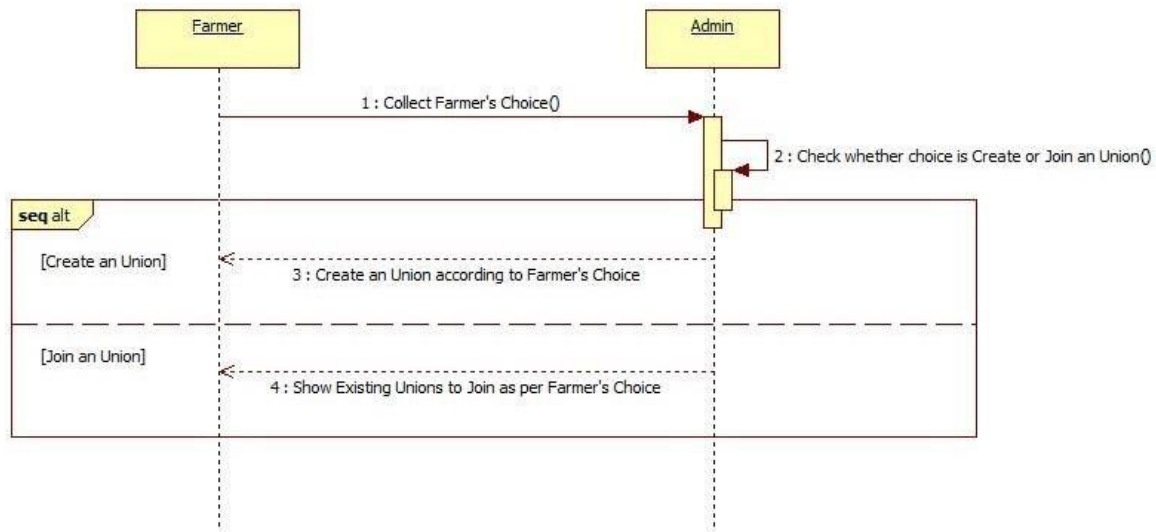


SEQUENCE DIAGRAM: The Sequence Diagram below shows how objects are involved in this system and the sequence of messages exchanged between objects needed to carry out the functionalities.

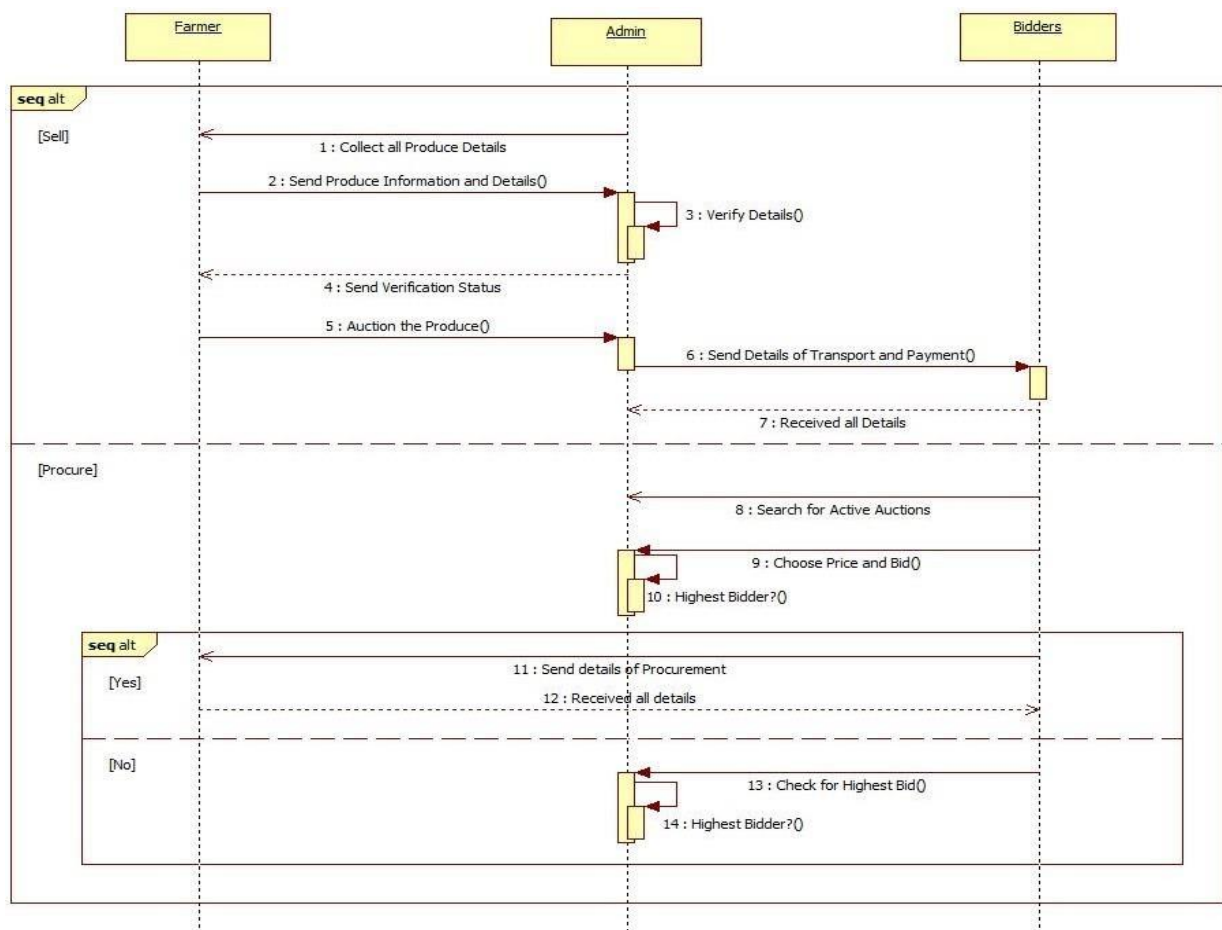
SEQUENCE DIAGRAM FOR REGISTER AND LOGIN FUNCTIONALITY:



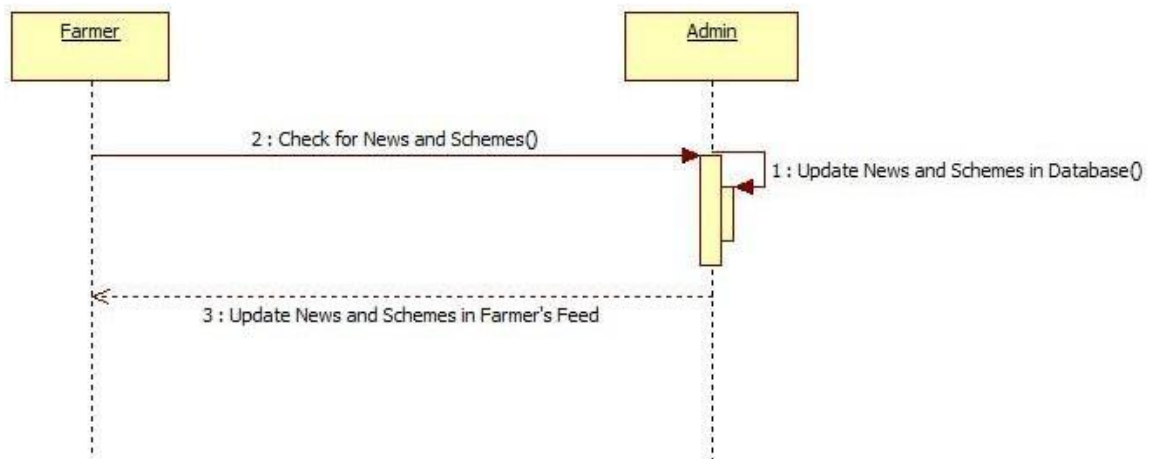
SEQUENCE DIAGRAM FOR UNION FUNCTIONALITY:



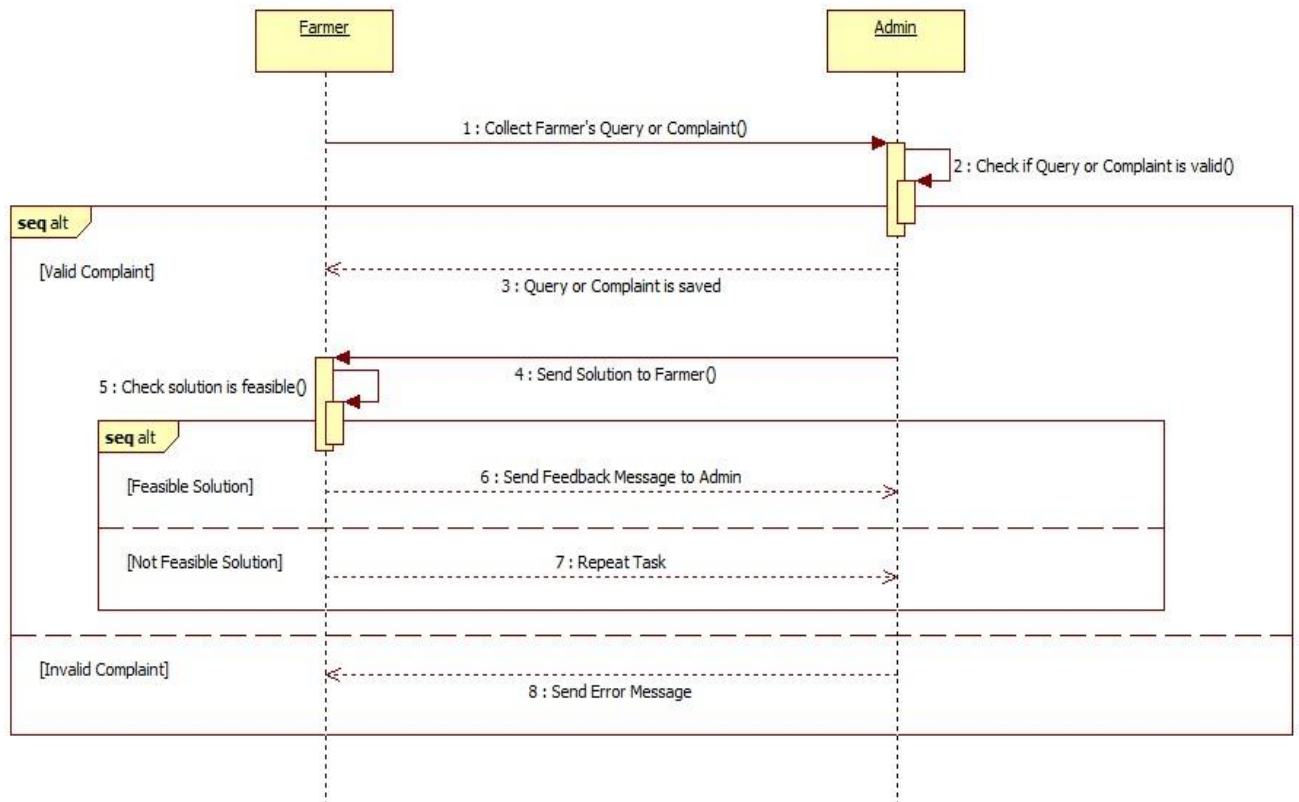
SEQUENCE DIAGRAM FOR AUCTION FUNCTIONALITY:



SEQUENCE DIAGRAM FOR NEWS AND SCHEMES FUNCTIONALITY:



SEQUENCE DIAGRAM FOR HELP AND SUPPORT FUNCTIONALITY:



CLASS DIAGRAM: The Class Diagram below shows the different classes of this system, their attributes, their operations and the relationships among them.

