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Research Method:

 Object Oriented Analysis and Design (OOAD) method to study the real world situation of pastoral spatial and temporal land use

OOAD methodology contains two phases:

1) Analysis phase: focuses on investigating the problem and requirements - Spatial extent of seasonal migration routes/corridors Periods of movements

2) design phase: emphasizes on a conceptual solution that fulfills the requirements in order to solve a problematic situation (Larman, 2001).

learning from the realworld situation can enable developers to learn about the problem domain before constructing the models (Blackwel, 2000).

Only after describing the attributes and relationships of the concepts that they can be reassembled and expressed into a conceptual model to show how the system fulfils the requirements specified by the analysis (Blackwel, 2000, Larman, 2001)